

# SALT LAKE CITY COUNCIL STAFF REPORT

## BUDGET ANALYSIS – FISCAL YEAR 2005-06

**DATE:** April 15, 2005

**SUBJECT:** **WATER FUND**

**STAFF REPORT BY:** Lehua Weaver and Gary Mumford

**CC:** Rocky Fluhart, Sam Guevara, LeRoy Hooton, Jeff Niermeyer, Jim Lewis, Steve Fawcett, Susi Kontgis, DJ Baxter

The operating budget for the Water Enterprise Fund for fiscal year 2005-06 is proposed to be \$38,706,668, which is an increase of \$4,681,908. The increased capital assessment for the Metropolitan Water District and the proposed increase in the wholesale price of water make up 90% of the budget increase from last year.

<b>WATER FUND PROPOSED BUDGET</b>				
	<b>Adopted 2004-05</b>	<b>Proposed 2005-06</b>	<b>Difference</b>	<b>Percent Change</b>
<b>Revenue &amp; other sources</b>				
Metered sales	\$42,655,903	<b>\$45,215,257</b>	\$ 2,559,354	6.0%
Interest income	500,000	<b>450,000</b>	(50,000)	(10.0%)
Interfund charges	2,126,425	<b>2,256,425</b>	130,000	6.1%
Sale of used equipment	50,000	<b>50,000</b>	-	
Impact fees	1,000,000	<b>1,000,000</b>	-	
Systems constructed by developers & transferred to city	1,294,752	<b>855,000</b>	(439,752)	(34.0%)
Bond proceeds		<b>2,098,490</b>	2,098,490	
Use of cash reserves	13,737,389	<b>11,182,731*</b>	(4,655,393)	(33.9%)
<b>Total revenue &amp; other sources</b>	<b>\$61,364,469</b>	<b>\$61,007,168</b>	\$ (357,301)	(0.6%)
<b>Expenses</b>				
Salaries, wages & benefits	\$13,990,453	<b>\$14,509,670</b>	\$ 519,217	3.7%
Materials & supplies	2,373,149	<b>2,370,779</b>	(2,370)	(0.1%)
Charges for services	17,661,158	<b>21,826,219</b>	4,165,061	23.6%
<b>Total operating expenses</b>	<b>34,024,760</b>	<b>38,706,668</b>	4,681,908	13.8%
<b>Capital Outlay</b>				
Capital improvement	20,619,261	<b>19,615,735*</b>	(3,104,261)	(15.1%)
Vehicles & equipment	1,982,700	<b>2,165,500</b>	182,800	9.2%
Debt Services	4,737,748	<b>2,620,000</b>	(2,117,748)	(44.7%)
<b>Total Operating Expenses &amp; Capital Outlay</b>	<b>\$61,364,469</b>	<b>\$61,007,168</b>	\$ (357,301)	(0.6%)

\*Due to a formula error in the budget document, \$2,100,735 was not included in the total Capital Improvement budget amount. This amount has been added here to the "capital improvement" total, and, as an offsetting entry, to the "use of cash reserves" amount. If the Council wishes, this could be included as a correction in the budget motion schedule.

## **KEY ISSUES**

The proposed budget includes a \$7 million assessment by the Metropolitan Water District to pay for its new water treatment plant and other capital improvements. In fiscal year 2004-05 the assessment was \$3.5 million.

Last year, the Council approved two years of water rate increases. The increase that takes effect on July 1, 2005 is 6%. The rate increase will allow the Department of Public Utilities to continue Capital Improvement projects, including the City Creek Water Treatment Plant upgrade, and the Metropolitan Water District Water Treatment Plant project. The rate increase will also cover a rise in water costs from the Metropolitan Water District, whose price for an acre foot of water is expected to grow from \$150 to \$163.

## **POTENTIAL MATTERS AT ISSUE**

The major matters reflected in the proposed budgets for the Water Fund include:

- Water conservation rate structure – The Department of Public Utilities recommends leaving the water conservation rate structure in place because it has been successful in reducing water consumption. The Department has identified the need to reduce per capita use of water as a part of the City's long term water supply strategy. Water consumption has been reduced by 16.4 percent from the base year 2000. Without water conservation water storage in Deer Creek Reservoir would have been depleted, requiring far more stringent measures to be taken during the past 5 years.
- Purchase of Water from Metropolitan Water District – Over the past three years, the Department of Public Utilities has purchased an average of 47,600 acre feet of water per year from the Metropolitan Water District, at a rate of \$150 per acre foot. In 2005-06, the Department has budgeted \$7.66 million for the purchase of 47,000 acre feet, which includes an increase to the per-unit cost of \$13.
- Annual assessments for the Metropolitan Water District Capital Improvements – In 2005-06, Salt Lake City's Department of Public Utilities will be assessed \$7 million for capital improvements of the Metropolitan Water District. The assessments will last 31 years. The first payment during fiscal year 2004-05 was \$3.5 million, beginning with this year and for the next 28 years, the City will pay \$7 million dollars per year, and the last payment will be \$3.5 million. Sandy City is also making assessment payments to the Metropolitan Water District for their share of project costs.

The Metropolitan Water District budget is set by the Metro Water District Board. The Council will have the opportunity to review the budget and give feedback, but does not approve the budget. The Council may wish to request that Public Utilities provide written information regarding their review of the Metro Water budget.

- Water rate increases – In June 2004, the City Council approved two consecutive water rate increases for infrastructure replacement, for increased operating costs, and to finance the City’s share of costs related to the Metropolitan Water District’s capital improvement program. A 3% water rate increase was effective July 1, 2004 and a 6% rate increase will be effective July 1, 2005. The 6% increase will also help replenish a portion of the cash reserves. While last year’s adoption of a second-year rate increase does not bind the Council, it makes it necessary to take formal action to halt or change the planned rate increase. In the past when the Council has approved multi-year rate plans it has noted the value of advance planning and clearly articulating policy direction. The Department is tentatively proposing rate increases each year for the next seven years (including the rate increase for July 1, 2005) to finance increased operation costs and infrastructure replacement. *The Council may wish to discuss the need for future rate increases with representatives of the Department.*
  
- Comparison of water rates to other cities – The average Salt Lake City *annual* residential water charge will be \$326.26 following the rate increase. The rate is higher than West Jordan, South Salt Lake, Murray, Riverton, Orem and Provo but lower than South Jordan, Park City, Draper and Sandy. However on a national scale, the rate is lower than the average on a *monthly* amount by \$20.41 during April to October and \$25.35 November to March.
  
- Personal Services – overall increase of 3.7% or \$519,217
  - Elimination of staff positions – The Department proposes the elimination one seasonal irrigation position in the Water Fund for a savings of \$23,000.
  
  - Salary adjustments – The Department of Public Utilities prepares its budget prior to the Mayor recommending any salary adjustments. The budget for the Water Fund is reviewed by the Public Utilities Advisory Committee in advance of the Mayor’s presentation of a recommended budget. The Department uses a 3% salary increase as a placeholder until the City Council determines whether there will be any actual salary increase. This 3% adjustment is not a recommendation from the Department but is merely a traditional figure used until any actual adjustments are known. The City Council can adjust the salary budget following its salary decisions. Most of the Department’s employees (77%) are 100 and 200 series employees with pay increases negotiated between the City and the American Federation of State County & Municipal Employees Local 1004 (AFSCME).
 

The remaining .7% increase in Personal Services will absorb anticipated increases in health insurance premiums.
  
- Fleet maintenance expense – The Department is projecting an increase of \$20,300 in gasoline/fuel and vehicle maintenance charges.

- Reclaimed and secondary water – The Department completed a water efficiency study in May 2002, which reviewed public green spaces and analyzed the cost effectiveness of implementing secondary water uses. The Department has hired an engineering consultant firm to determine the required water standards for the most likely customers and to identify the treatment processes to implement water reuse. The study will identify the capital projects required to implement water reuse. Pursuant to the City Council’s “Legislative Intent” several years ago the Department of Public Utilities is moving forward with a wastewater reuse project at the Water Reclamation Plant for irrigation and industrial uses. This project will provided treated sewage effluent to over 424 acres of green space located near the treatment facility, including parks, golf course and new sports complex. This water will be treated and disinfected to meet public contact standards. The report noted that there was secondary water available from Utah Lake through the Jordan and Salt Lake City Canal on the City’s eastside. The report noted the costs of constructing a dual secondary water system in established areas of the city and indicated that treating this source of water to remove dissolved salts, solids, odors and algae necessary to bring Utah Lake water to a level suitable for sprinkler irrigation was not cost effective at this time. It was recommended that secondary water systems be installed in growth areas (Northwest Quadrant). The most promising secondary water project was to reuse wastewater effluent at the City’s Water Reclamation Plant located at 2300 north, west of I-15. The Department of Public Utilities is moving forward with this project

### **Capital Improvement Budget**

- Continuation of the existing capital improvement program – In addition to the assessments for the Metropolitan Water District capital improvements, the Department of Public Utilities has a proposed capital improvement budget of \$22.3 million, which includes:
  - \$2.2 million in Capital Outlay for vehicle replacement and heavy equipment.
  - \$2.6 million in Debt Service.
  - \$19.6 million in Capital Improvement Projects such as replacement of water lines and hydrants (\$6.8m), Treatment Plant projects - City Creek, Mountain Dell, and other miscellaneous (\$8.4m), water meter replacement (\$1m), service line replacements (\$1.9m), and other various projects. (Because of a formula error in the budget document, the capital budget shows \$17,515,000 rather than \$19,615,735 because \$2,100,735 for waterline replacement was inadvertently not included in the total. The Department of Public Utilities has the resources for the planned water line replacements.) The Council may wish to include this correction in its budget motion schedule.

- Waterline replacement program – Over the past several years, the Department has been replacing approximately 38,000 feet of waterlines annually, which equates to 0.6% of the system each year or 167 years to replace the entire system. Recently, the Department has accelerated the replacement to 1%, which will take 100 years to replace the entire system at that rate of replacement. The Council may wish to ask whether the current replacement schedule is allowing the Department to keep ahead of pipe failure, or whether unexpected pipe failure is consuming Department resources. Further, the Council may wish to ask whether the accelerated replacement time line will meet the need to replace pipes before they actually fail.
  
- Water meter replacement program – As water meters age, they begin to inaccurately measure water use (under read). The Department has determined that it is cost effective to replace meters that are 15 years old. During the past five years, the Department has replaced 59,000 meters with about 12,000 of these being radio reading devices. Radio-read meters cost about \$140 more than regular meters and have a battery life of 8 to 10 years. Radio-read meters are being installed in neighborhoods east of Highland Drive in the County service area, east of Fort Union Boulevard, and above 11<sup>th</sup> Avenue. The Council may wish to ask the Department about the pros and cons of increasing the number of radio reading devices as meters are replaced. Is there a long term benefit to the City to install radio reading devices whenever the meter is replaced?

<b>Proposed Capital Improvement Program Fiscal year 2005-06</b>	
Treatment plants	\$8,394,000
Replacement of water lines and hydrants	6,750,735*
Service line replacement	1,850,000
Water meter replacement	1,000,000
Land purchases	750,000
Distribution Reservoirs	375,000
Pumping plant upgrades	200,000
Landscaping – conservation projects	105,000
Reservoirs	65,000
Maintenance buildings	40,000
Culverts, flumes & bridges	30,000
Water stock purchases	30,000
Wells	26,000
Total Capital Improvement Program	<b>\$19,615,735</b>

\*Due to a formula error in the budget document, \$4,650,000 was listed as the amount for the replacement of water lines, however the correct amount is \$6,750,735.

## **QUESTIONS FOR CONSIDERATION**

1. At times Council Members and staff have received calls from constituents concerned that successful conservation efforts have resulted in rate increases. Water customers have also inquired as to whether the three-tiered water rates will go away now that the draught is over. The Council may wish to ask the Public Utilities representatives to explain the pros and cons of relaxing the conservation rates in years of plentiful water. The Council may also wish to inquire whether public education efforts may be useful in explaining what rate increase revenues are used for. (Perhaps something included in water bills.)
2. The Council may wish to ask about the water levels and water supply in the reservoirs.
3. Given the potential request for future rate increases schedule through 2011-12, the Council may wish to ask what the impact would be of postponing or reducing future rate increases. (What type of projects would be delayed, or what danger would there be of delaying maintenance or improvements?)
4. The Water Fund paid \$500,587 in Overtime between July 2004 and March 2005, which is 136% of the year-to-date budget for overtime expenses. If the trend continues through year-end, the overtime pay will constitute roughly 4.75% of the Water Funds' personal services in the fiscal year 2004-05 budget. The Council may wish to ask what the main causes are for these overtime pay charges and what options might be to avoid budgeting overtime.
5. Council staff is aware that the City could forfeit its water rights if the City doesn't have a plan for future use of the water for municipal water supply. The Council may wish to ask the Director of Public Utilities more about this topic.
6. The Department is negotiating with the County to upgrade the water distribution system in the Millcreek, Holladay and Big Cottonwood areas to provide fire flow requirements and resolve ownership and responsibility for maintenance. Under the proposed agreement, the City will fund an amount equal to what it would cost to replace the current four-inch water lines. Property owners will finance the incremental cost of increasing to eight-inch lines with a County SID. Fire flow guidelines require eight-inch water lines. Salt Lake County will fund approximately \$4 million in street overlay and reconstruction. The proposed agreement will transfer ownership and responsibility of water lines to the City. Following successful negotiations, the Department will come to the Council with a proposed Interlocal Cooperation Agreement to resolve long-standing dilemma relating to ownership and maintenance of water lines in those areas with "private water lines." The Council may wish to ask about the status of the negotiations and efforts to inform and meet with Millcreek community members.

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## *Additional Information*

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### **BACKGROUND**

Salt Lake City's water delivery system to City and County residents depends on a complex network of dams, aqueducts, water treatment plants, distribution reservoirs, and water mains. Upkeep and maintenance of older systems and construction of new systems is very costly. The Department of Public Utilities has over 90,000 water service connections. The Department maintains treatment plants, wells, reservoirs, 1,199 miles of water mains, and 167 miles of conduit and supply lines.

### **LEGISLATIVE INTENT STATEMENTS**

The Council did not issue any legislative intent statements last year relating to the Water Fund.

*During the briefing on the proposed budget, the Council may wish to identify legislative intents relating to the Department of Public Utilities.*

*During the briefing, the Council may wish to identify potential programs or functions to be added to the Council's list for future audits.*

### **SIX YEAR BUSINESS PLAN**

It is likely that the water utility will need additional funding over the next six years to cover the following:

1. Additional costs related to facility protection from terrorists.
2. Increase cash reserve balance to cover possible litigation costs, as well as to adjust for revenue fluctuations due to implementation of water conservation rates
3. Financing of the next six year capital improvement program to replace aging infrastructure
4. Increased funding for the water line replacement program.

Likely Capital Improvements over the next six years will be the following

1. Upgrade the Millcreek Water Treatment Plant – \$6 million.
2. Replacement of the 1300 South and the Military Distribution Reservoir - \$8 million
3. Replacement of about 50,641 feet of water lines to meet the average of 38,000 feet of pipe per year over a five-year period. This will allow the department to meet the national average of replacing 0.6% of the water system per year.

**SALT LAKE CITY COUNCIL STAFF REPORT**

**BUDGET ANALYSIS – FISCAL YEAR 2005-06**

**DATE:** April 15, 2005  
**SUBJECT:** **SEWER FUND**  
**STAFF REPORT BY:** Lehua Weaver and Gary Mumford  
**CC:** Rocky Fluhart, Sam Guevara, LeRoy Hooton, Jeff Niermeyer, Jim Lewis, Steve Fawcett, Susi Kontgis, DJ Baxter

The operating budget for the Sewer Fund for fiscal year 2005-06 is proposed to be \$9,702,701, which is an increase of \$30,875 or 0.3% over fiscal year 2004-05. The capital budget is proposed to be \$21,966,600. The Council previously approved multiyear sewer rate increases with a 7% increase to take effect on July 1, 2005.

<b>SEWER FUND PROPOSED BUDGET</b>				
	<b>Adopted 2004-05</b>	<b>Proposed 2005-06</b>	<b>Difference</b>	<b>Percent Change</b>
<b>Revenue &amp; other sources</b>				
Sewer service fees	\$17,018,344	<b>\$15,729,000</b>	\$(1,289,344)	(7.6%)
Interest income	450,000	<b>300,000</b>	(150,000)	(33.3%)
Permits	85,000	<b>85,000</b>	-	
Impact fees	325,000	<b>400,000</b>	75,000	23.1%
Other	667,000	<b>667,000</b>	-	
Use of cash reserves	25,602,932	<b>14,518,301</b>	(11,084,631)	(43.3%)
<b>Total revenue &amp; other sources</b>	\$44,148,276	<b>\$31,699,301</b>	\$(12,448,975)	(28.2%)
<b>Expenses</b>				
Salaries, wages & benefits	\$5,982,250	<b>\$6,159,932</b>	\$177,682	3.0%
Materials & supplies	1,368,934	<b>1,376,875</b>	7,941	0.6%
Charges for services	2,320,642	<b>2,165,894</b>	(154,748)	(6.6%)
<b>Total Operating Expenses</b>	9,671,826	<b>9,702,701</b>	30,875	0.3%
<b>Capital Outlay</b>				
Capital improvement	31,074,000	<b>18,675,000</b>	(12,399,000)	(39.9%)
Vehicles & equipment	1,068,000	<b>1,386,600</b>	318,600	29.8%
Debt Services	2,334,450	<b>1,935,000</b>	(399,450)	(17.7%)
<b>Total Operating Expenses &amp; Capital Outlay</b>	\$44,148,276	<b>\$31,699,301</b>	\$(12,448,975)	(28.2%)



## **POTENTIAL MATTERS AT ISSUE**

The major matters reflected in the proposed budgets for the Sewer Fund include:

- Sewer rate increase

Despite past rate increases, sewer revenues have declined due to water conservation and the restructuring of sewer fees. Since sewer fee earnings are based on winter water use (showers, sinks, dishwashers, etc), as residents have worked to conserve their water usage, it has also affected sewer revenues. Business owners have also reduced sewage strength or taken measures to reduce the volume of water use.

In June 2000, the City Council adopted a six-year incremental sewer rate increase to coincide with a six-year capital improvement plan. Sewer rates were increased 12½% on January 1, 2001, 9% on July 1, 2001, 9% on July 1, 2002, 9% on July 1, 2003, and 9% on July 1, 2004. A 7% future rate increase is already authorized for July 1, 2005.

While the rate ordinance does not bind the Council, it makes it necessary for the Council to take formal action in order for the planned increase not to be implemented.

- Salary adjustments – The Department of Public Utilities prepares its budget prior to the Mayor recommending any salary adjustments. The budget for the Sewer Fund is reviewed by the Public Utilities Advisory Committee in advance of the Mayor’s presentation of a recommended budget. The Department uses a 3% salary increase as a placeholder until the City Council determines whether there will be any actual salary increase. This 3% adjustment is not a recommendation from the Department but is merely a figure used until any actual adjustments are known. The City Council can adjust the salary budget for the Sewer Fund following its salary decisions. Most of the Department’s employees (77%) are 100 and 200 series employees with pay increases negotiated between the City and the American Federation of State County & Municipal Employees Local 1004 (AFSCME).
- Staffing Adjustments - No new employee positions are requested for fiscal year 2005-06.

## **Capital Improvement Budget**

The proposed budget reflects a capital improvement budget of \$18,675,000 for fiscal year 2005-06. A detail listing of the projects is included in the budget book from the Department (included in your packet).

<b>Proposed Capital Improvement Program</b>	
Treatment plant	\$13,635,000
Collection lines	3,050,000
Land (purchase for Bio Solid Land Application)	1,000,000
Maintenance & repair shops	815,000
Site Improvements	125,000
Lift Stations	50,000
<b>Total Capital Improvement Program</b>	<b>\$18,675,000</b>

- The proposed budget includes the continuation of a six-year, \$70 million capital improvement program that was approved by the City Council in June 2000. The program includes an upgrade to the waste water reclamation plant to handle an increase in organic loading. A detail listing of the projects is included in the budget book from the Department. In 2000, the Council approved several rate increases to coincide with the capital improvement program. A 7% increase will take effect on July 1, 2005.
- The Department of Public Utilities had planned on a \$3 million project to construct a Sewer Laboratory building in 2006. This project has been delayed to review other potential alternatives.

## **QUESTIONS FOR CONSIDERATION**

1. Based on the comments of a City resident at a recent City Council Meeting, regarding the City's claim process and liability coverage during a sewer pipe incident, the Council may wish to ask what the status is of reviewing sewer utility related claims and the Department representatives' feedback on the City's policy and process for paying no-fault claims.
2. The Sewer Fund paid \$231,563 in Overtime between July 2004 and March 2005, which is 126% of the year-to-date budgeted amount for overtime expenses. If the trend continues through year-end, the overtime pay will constitute roughly 5% of the Sewer Funds' personal services in the fiscal year 2004-05 budget. The Council may wish to ask what the main causes are for these overtime pay charges and what options might be available to avoid budgeting overtime.

## **BACKGROUND**

The Department of Public Utilities has over 48,350 sewer connections. The Sewer Fund maintains 633 miles of sanitary sewer pipe and connection lines. The reclamation plant treats an average of 35,000,000 gallons of sanitary sewer per day. Maintaining the sewer lines and operating the lift stations and reclamation plant is accomplished with 102 employees. Effective January 1, 2001, sewer fees are based on discharge strength as well as volume. Approximately 1,700 of the 48,000 accounts are charged an additional fee because they discharge sewage with strengths greater than domestic or residential sewer flows. This change sets rates so that residential customers or commercial customers with domestic discharges do not subsidize customers with greater than domestic strength discharges. This rate structure encourages businesses to reduce discharge strengths. The average residential sewer bill in fiscal year 2004-05 was \$121.96 and is estimated to be \$130.50 in fiscal year 2005-06.

## **LEGISLATIVE INTENT STATEMENTS**

No legislative intent statements are outstanding for the Sewer Fund.

*During the briefing on the proposed budget, the Council may wish to identify legislative intents relating to the Department of Management Services.*

*During the briefing, the Council may wish to identify potential programs or functions to be added to the Council's list for future audits.*

## **SIX YEAR BUSINESS PLAN**

- The sewer fund will have two more years left, of a six-year, \$57 million sewer capital improvement program with \$25.6 million budgeted this next year at the wastewater treatment plant.
- Unless the rate increase schedule is altered, sewer rates will go up by 7% in 2005-2006 to finance this approved plan.
- Capital Improvements include replacement of about 39,000 feet of sewer lines to exceed the national average of replacement of 0.6% of the existing sewer system per year.
- Potential capital improvement projects over the coming years include the following:
  - Continued replacement of various collection lines, including State Street between 500 South and 2100 South
  - Treatment Plant mechanical dewatering project
  - Treatment Plan alternative disinfection system and CO<sub>2</sub> contact expansion

**SALT LAKE CITY COUNCIL STAFF REPORT**

**BUDGET ANALYSIS – FISCAL YEAR 2005-06**

**DATE:** April 15, 2005  
**SUBJECT:** **STORMWATER FUND**  
**STAFF REPORT BY:** Lehua Weaver and Gary Mumford  
**CC:** Rocky Fluhart, Sam Guevara, LeRoy Hooton, Jeff Niermeyer, Jim Lewis, Steve Fawcett, Susi Kontgis, DJ Baxter

The operating budget for the Stormwater Fund for fiscal year 2005-06 is proposed to be \$2,928,134, which is an increase of \$49,108 or 1.7% over fiscal year 2004-05. The capital budget, including debt service, is proposed to be \$11,697,000.

<b>STORMWATER FUND PROPOSED BUDGET</b>				
	<b>Adopted 2004-05</b>	<b>Proposed 2005-06</b>	<b>Difference</b>	<b>Percent Change</b>
<b>Revenue &amp; other sources</b>				
Stormwater service fee	\$ 5,348,151	<b>\$5,245,000</b>	\$(103,151)	(1.9%)
County Flood Control	200,000	<b>200,000</b>	-	
Interest	200,000	<b>200,000</b>	-	
Impact fees	200,000	<b>200,000</b>	-	
Systems constructed by developers	516,000	<b>516,000</b>	-	
Other revenue	10,000	<b>10,000</b>	-	
Use of reserves	14,548,075	<b>8,254,134</b>	(6,293,941)	(43.3%)
<b>Total revenue &amp; other sources</b>	\$21,022,226	<b>\$14,625,134</b>	\$(6,397,092)	(30.4%)
<b>Expenses</b>				
Salaries, wages & benefits	\$1,482,318	<b>\$1,534,983</b>	\$52,665	3.6%
Materials & supplies	123,900	<b>126,000</b>	2,100	1.7%
Charges for services	1,272,808	<b>1,267,151</b>	(5,657)	(0.4%)
<b>Total operating expenses</b>	2,879,026	<b>2,928,134</b>	49,108	1.7%
<b>Capital Outlay</b>				
Capital improvement	17,004,000	<b>10,874,000</b>	(6,130,000)	(36.1%)
Vehicles & equipment	499,200	<b>223,000</b>	(276,200)	(55.3%)
Debt Services	640,000	<b>600,000</b>	(40,000)	(6.3%)
<b>Total Expenses &amp; Capital Outlay</b>	\$21,022,226	<b>\$14,625,134</b>	\$(6,397,092)	(30.4%)

## POTENTIAL MATTERS AT ISSUE

The major matters reflected in the proposed budgets for the Stormwater Fund include:

- No rate increase – The six-year cash flow schedule does not indicate a rate increase anytime during the next six years.
- Staffing Adjustments - No new employee positions are requested for fiscal year 2005-06.
- Salary adjustments – The Department of Public Utilities prepares its budget prior to the Mayor recommending any salary adjustments. The budget for the Stormwater Fund is reviewed by the Public Utilities Advisory Committee in advance of the Mayor’s presentation of a recommended budget. The Department uses a 3% salary increase as a placeholder until the City Council determines whether there will be any actual salary increase. This 3% adjustment is not a recommendation from the Department but is merely a figure used until actual adjustments are known. The City Council can adjust the salary budget following its salary decisions. Most of the Department’s employees (77%) are 100 and 200 series employees with pay increases negotiated between the City and the American Federation of State County & Municipal Employees Local 1004 (AFSCME). (The remaining .6% increase in Personal Services will absorb anticipated increases in health insurance premiums.)
- Professional and Technical Services – A \$34,000 increase is expected in professional and technical services to cover a \$32,000 increase in customer billing fees and a \$2,000 increase in the cost of leaf bags. The customer billings for all utilities are handled by a customer service staff that charges the Water Fund for their time and supplies. The costs are then charged back to the different utilities to accurately share the costs. This \$32,000 increase will cover the Stormwater Fund share of increases for staff time, supplies, and past postage increases which had not been updated.

### **Capital Improvement Budget**

The proposed budget reflects a capital improvement budget of \$10,874,000 for fiscal year 2004-05. A detail listing of the projects is included in the budget book from the Department (included in your packet).

<b>Proposed Capital Improvement Program</b>	
Collection lines	\$7,888,000
Lift stations	2,986,000
<b>Total Capital Improvement Program</b>	<b>\$10,874,000</b>

The proposed \$10,874,000 budget for capital improvement projects includes:

- Surplus Canal Lift Station - \$2 million will be used for the Civil Works Administration Surplus Canal lift station and land acquisition.
- 900 South Storm Drain project – \$4.5 million for the portion of the project from State Street to 600 East.

## **QUESTIONS FOR CONSIDERATION**

1. The Council may wish to ask for an update on the likelihood of any flooding as the snowpack melts.
2. The Council may wish to ask for an update on the 900 South storm drain project and whether business owners and residents have been understanding of the disruptions.

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### *Additional Information*

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## **BACKGROUND**

The Department of Public Utilities maintains over 432 miles of stormwater pipe and collection lines using 30 employees. It was 1991 when the General Fund transferred the entire storm drain system under Public Utilities management. July 1991 began the implementation of a new stormwater fee based on surface area. Since that time, there have been no rate increases; no public tax dollars have been used to help the system. Stormwater employees also monitor the snow pack water content and manage the stormwater permit process.

## **LEGISLATIVE INTENT STATEMENTS**

No legislative intent statements are outstanding for the Stormwater Fund.

*During the briefing on the proposed budget, the Council may wish to identify legislative intents relating to the Stormwater Fund.*

*During the briefing, the Council may wish to identify potential programs or functions to be added to the Council's list for future audits.*

## **SIX YEAR BUSINESS PLAN**

Likely, stormwater capital improvements over the next six years will include:

- Maintaining stormwater projects, including the line on 1700 South between 500 West and 900 West.
- Continuing stormwater line maintenance.

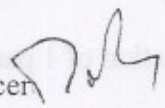
LEROY W. HOOTON, JR.  
DIRECTOR

# SALT LAKE CITY CORPORATION

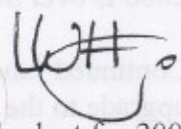
ROSS C. "ROCKY" ANDERSON  
MAYOR

DEPARTMENT OF PUBLIC UTILITIES  
WATER SUPPLY AND WATERWORKS  
WATER RECLAMATION AND STORMWATER

## COUNCIL TRANSMITTAL

**TO:** Rocky J. Fluhart, Chief Administrative Officer 

**DATE:** March 28, 2005

**FROM:** LeRoy W. Hooton Jr., Director of Public Utilities 

**SUBJECT:** Request for a briefing on proposed Public Utilities budget for 2005-2006.

**STAFF CONTACT:** Jim Lewis, Finance Administrator (483-6773)

**DOCUMENT TYPE:** Budget Request

**RECOMMENDATION:** None

**BUDGET IMPACT:**

The major budget impacts for next year include the pre-approved water rate increase of 6% to help finance the annual assessment payment to the Metropolitan Water District for the construction of the Point of the Mountain Treatment Plant. The Water Utility will need to make the full capital assessment of \$7,021,892 to the District this next year. This sum will be paid annually for the next 29 ½ years or until 2035. This budget also includes a 9% increase in the cost of water purchases from the Metropolitan Water District. The District is planning to increase the cost of water deliveries from \$150.00 to \$163.00 per acre foot as of July 1, 2004. The budget effect is estimated at \$611,000 more per year.

The Sewer Utility budget includes prior approved 7% rate increase passed by the City Council in January 2001. The Utility has issued \$25 million in revenue bonds this past year to help finance the upgrade to the Sewer Reclamation Plant.

The Stormwater Utility budget does not anticipate a rate increase until the year 2011. The Utility has issued \$8 million in revenue bonds to help finance a new stormwater line on 900 South. This project is currently under construction in connection with the street improvement project.

### BACKGROUND/DISSION:


The Public Utilities Advisory Committee voted on February 25, 2005, to recommend to the Mayor adoption of the proposed budget for 2005-2006. The budget document is

1530 SOUTH WEST TEMPLE, SALT LAKE CITY, UTAH 84115

TELEPHONE: 801-483-6900 FAX: 801-483-6818

WWW.SLCGOV.COM





# **Salt Lake City Public Utilities**

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## **PROPOSED BUDGET 2005 – 2006**

Salt Lake City Corporation



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# **SALT LAKE CITY PUBLIC UTILITIES**

## **BUDGET FOR FISCAL YEAR 2005 - 2006**

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DATE: February 26, 2005

SUBJECT **RECOMMENDED BUDGET FOR FISCAL YEAR 2005 - 2006**

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### **PUBLIC UTILITIES MAJOR BUDGET ISSUES**

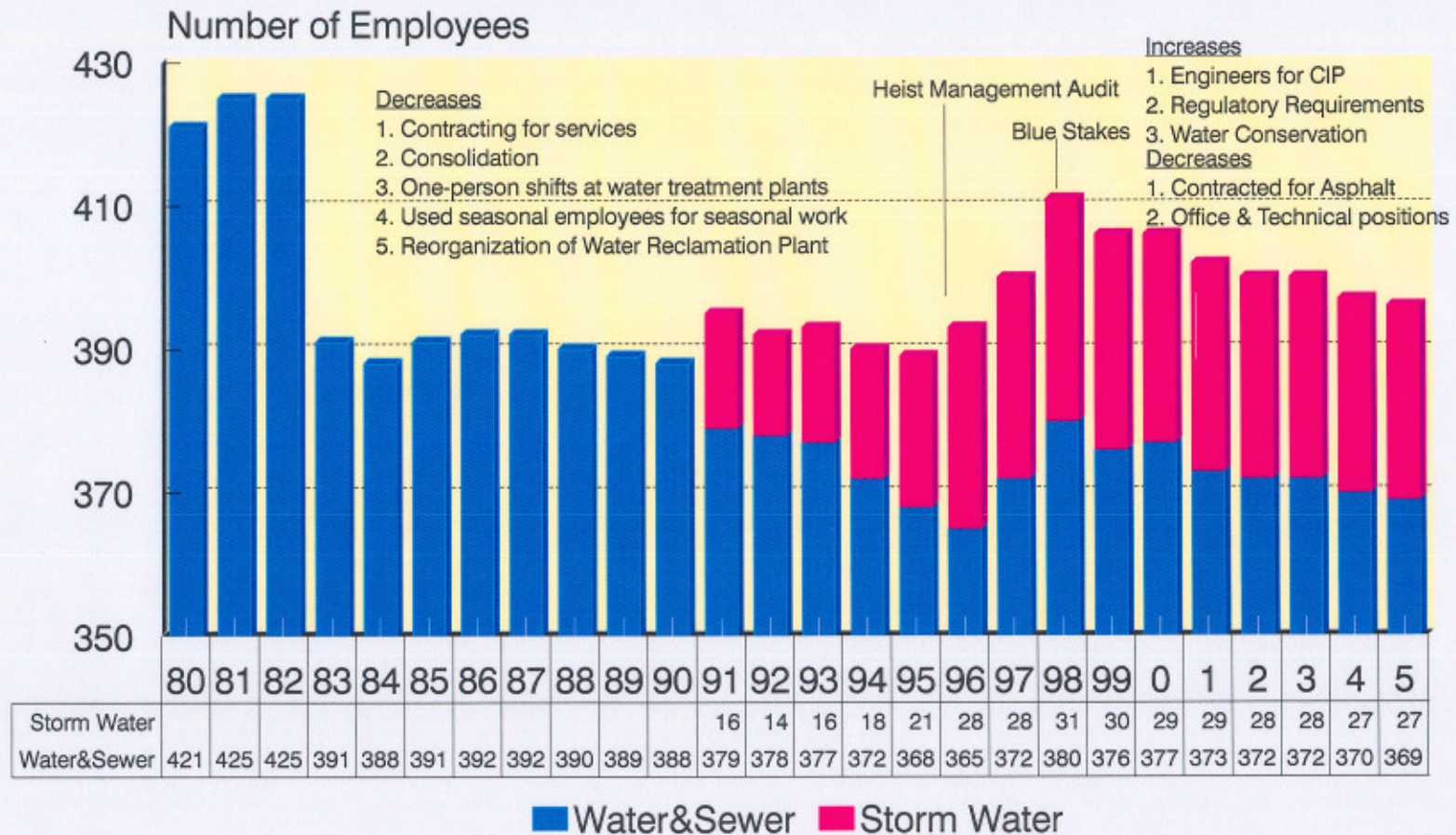
- ❖ This budget includes the pre-approved rate increases of 6% for Water and 7% for Sewer.
- ❖ Elimination of 1 part-time employee.
- ❖ Water rate increases of 40% are planned over the next seven years to finance a minimum of a \$142 million capital improvement program.
- ❖ This budget proposes transfer of \$2.1 million in the Bond Service Account to the Capital Project Fund to help finance the water line replacement program.
- ❖ First year of the full capital assessment of \$7,021,892 to the Metropolitan Water District, a sum that will be paid annually for the years of 2006 until 2035.
- ❖ Capital improvement program continues as approved by the City Council in June 2001 for the Water Utility and June 2000 for the Sewer Utility.
- ❖ Capital improvement budget of \$47.1 million proposed for all three funds for fiscal year 2005-2006.
- ❖ Implementation of the sixth year of the Sewer Utility six year capital improvement program, which includes the pre-approved 7% increase in rates.
- ❖ No rates increases expected for Sewer and Stormwater for the next five years.

**STAFFING SUMMARY  
BY FISCAL YEAR  
FULL TIME & FULL TIME EQUIVALENT POSITIONS**

<b>APPROPRIATION NUMBER</b>	<b>DESCRIPTION</b>	<b>93</b>	<b>94</b>	<b>95</b>	<b>96</b>	<b>97</b>	<b>98</b>	<b>99</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>PROPOSED 2006</b>
<b>WATER UTILITY</b>															
5101	SOURCE OF SUPPLY	14.23	14.23	13.23	13.25	13.25	13.25	13.25	12.25	12.25	12.25	12.25	12.75	11.75	11.75
5103	POWER & PUMPING	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
5105	PURIFICATION	43.20	42.20	42.20	43.00	42.70	45.20	47.20	47.20	47.20	47.00	47.00	47.50	47.50	47.50
5107	TRANSMISSION & DISTRIBUTION	114.34	113.34	109.15	111.35	114.35	118.35	114.85	115.35	111.35	109.70	111.70	111.50	111.70	110.70
5109	SHOPS & MAINTENANCE	34.15	30.35	29.85	28.85	28.85	29.35	27.35	27.35	26.35	32.40	31.40	30.90	30.90	30.90
5111	CUSTOMER ACCOUNTING & COLLECTIONS	50.00	50.00	49.00	50.00	53.00	53.00	53.00	53.00	52.60	51.55	51.55	50.55	49.55	49.55
5113	WATER ADMINISTRATION	9.50	9.00	10.00	11.00	12.50	12.50	13.50	14.00	12.00	12.00	11.90	12.40	11.90	11.90
5113	PUBLIC UTILITIES ADMINISTRATION	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<b>WATER UTILITY TOTAL</b>		<b>269.72</b>	<b>263.42</b>	<b>257.73</b>	<b>261.75</b>	<b>268.95</b>	<b>275.95</b>	<b>273.45</b>	<b>273.45</b>	<b>266.05</b>	<b>269.20</b>	<b>270.10</b>	<b>269.90</b>	<b>267.60</b>	<b>266.60</b>
<b>SEWER UTILITY</b>															
5220	LIFT STATIONS	7.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
5230	COLLECTION SYSTEM	28.48	32.48	35.80	27.67	28.67	29.42	27.67	27.92	31.92	27.45	27.45	27.05	26.50	26.50
5260	RECLAMATION PLANT	63.40	62.40	62.40	64.80	64.10	64.10	64.60	64.90	64.90	64.90	64.90	63.90	65.90	65.90
5280	ACCOUNTING & CUSTOMER SERVICE	3.60	3.60	2.80	1.80	1.80	1.80	1.80	1.80	1.20	1.20	1.20	1.20	1.20	1.20
5290	SEWER ADMINISTRATION	3.90	4.20	3.70	3.30	2.90	2.65	3.00	3.25	3.25	3.25	2.85	2.60	2.20	2.20
5295	PUBLIC UTILITIES ADMINISTRATION	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
<b>SEWER UTILITY TOTAL</b>		<b>107.18</b>	<b>108.48</b>	<b>110.50</b>	<b>103.37</b>	<b>103.27</b>	<b>103.77</b>	<b>102.87</b>	<b>103.67</b>	<b>107.07</b>	<b>102.60</b>	<b>102.20</b>	<b>100.55</b>	<b>101.60</b>	<b>101.60</b>
<b>STORM WATER</b>															
5301	STORMWATER MAINTENANCE	11.00	12.00	12.50	12.00	12.00	13.25	13.25	13.25	13.25	12.25	12.25	12.25	12.25	12.25
5301	STORMWATER ENGINEERING	2.40	2.10	4.90	11.28	11.28	12.28	11.53	10.08	10.08	10.70	10.70	10.30	9.75	9.75
5301	STORMWATER ADMINISTRATIVE	3.10	3.10	2.40	2.30	2.20	2.45	2.90	3.15	3.15	3.15	2.65	2.40	2.30	2.30
5301	STORMWATER QUALITY		1.30	1.30	2.30	2.30	2.80	2.50	2.20	2.20	2.20	2.20	2.20	2.20	2.20
<b>STORMWATER TOTAL</b>		<b>16.50</b>	<b>18.50</b>	<b>21.10</b>	<b>27.88</b>	<b>27.78</b>	<b>30.78</b>	<b>30.18</b>	<b>28.68</b>	<b>28.68</b>	<b>28.30</b>	<b>27.80</b>	<b>27.15</b>	<b>26.50</b>	<b>26.50</b>
<b>PUBLIC UTILITIES TOTAL</b>		<b>393.40</b>	<b>390.40</b>	<b>389.33</b>	<b>393.00</b>	<b>400.00</b>	<b>410.50</b>	<b>406.50</b>	<b>405.80</b>	<b>401.80</b>	<b>400.10</b>	<b>400.10</b>	<b>397.60</b>	<b>395.70</b>	<b>394.70</b>

# Public Utilities

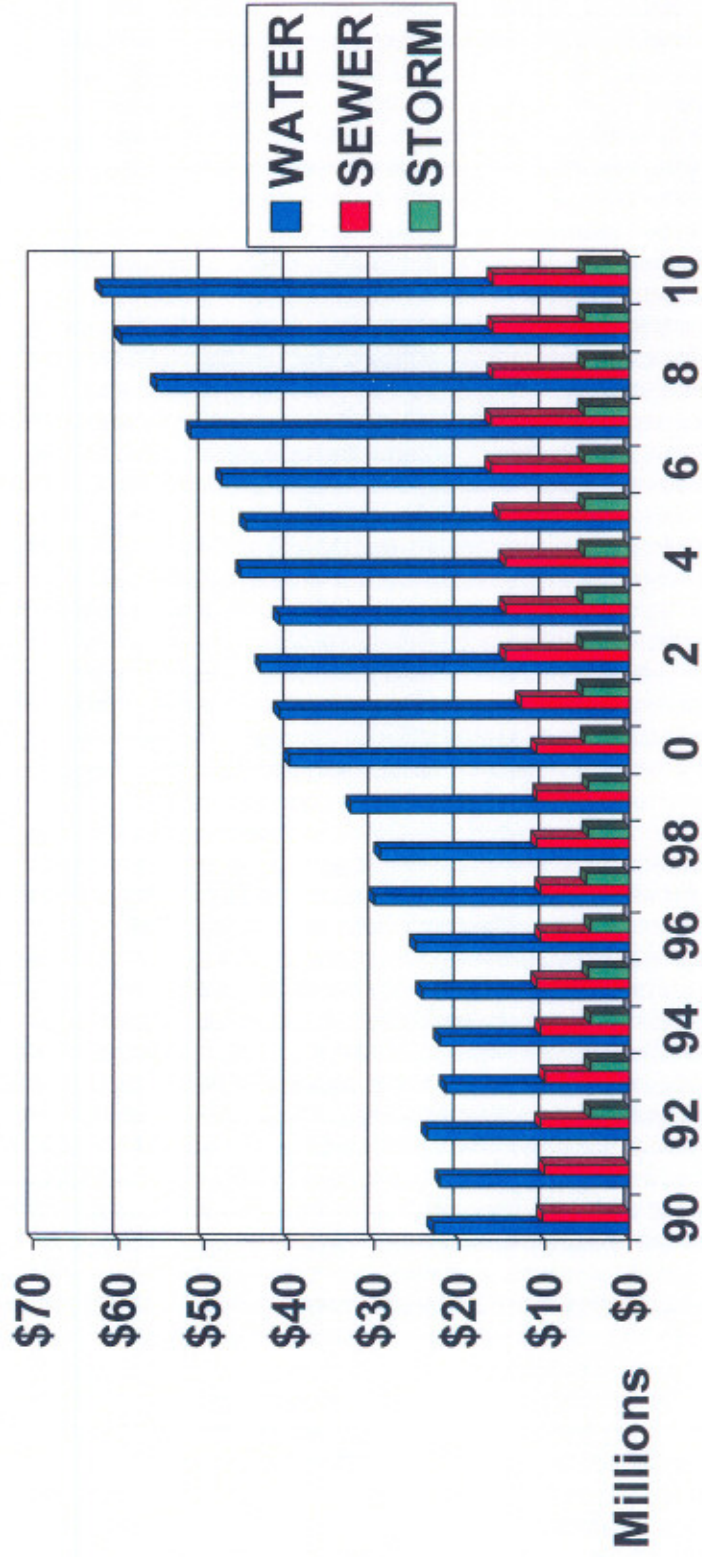
## Number of Employees



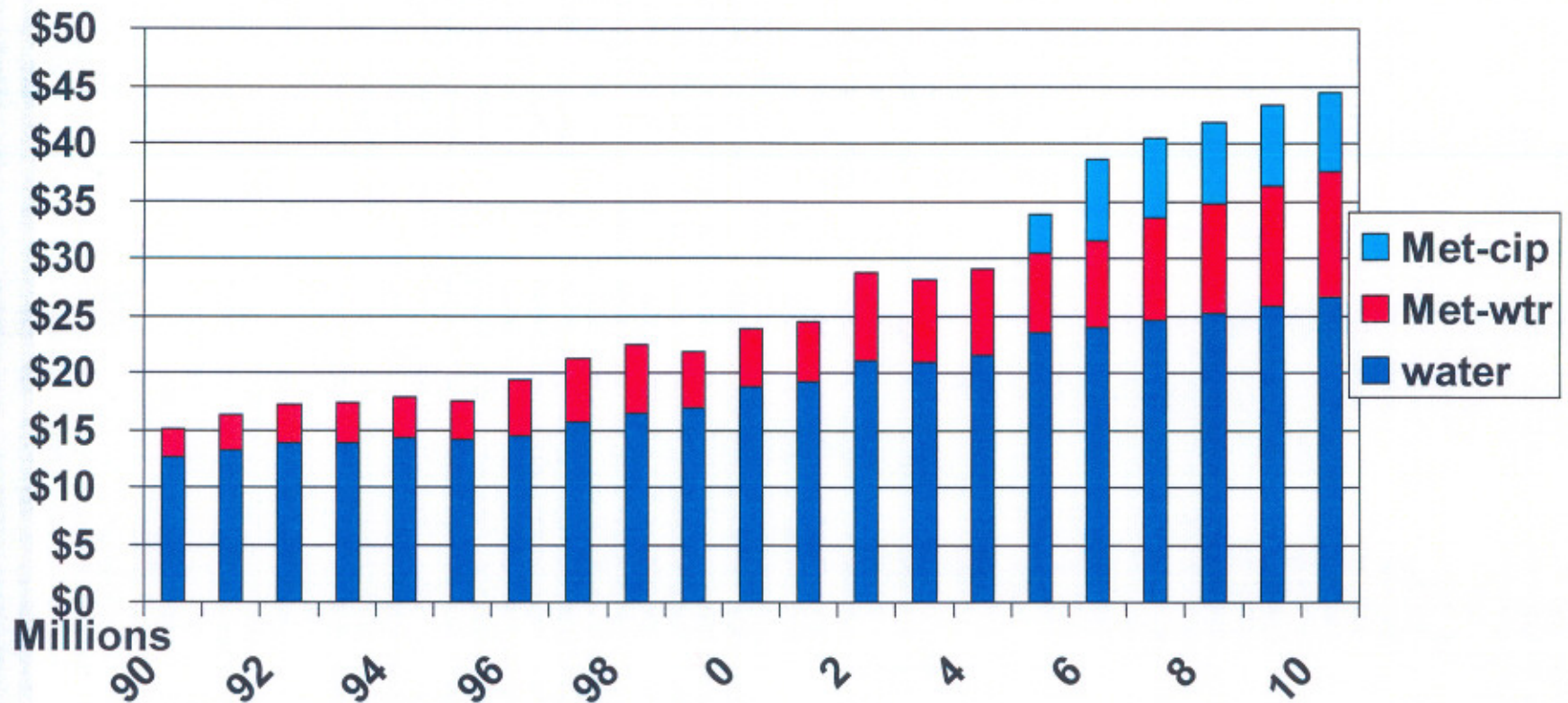
Stormwater division transferred to Public Utilities in 1991

# Public Utilities Operating Revenue

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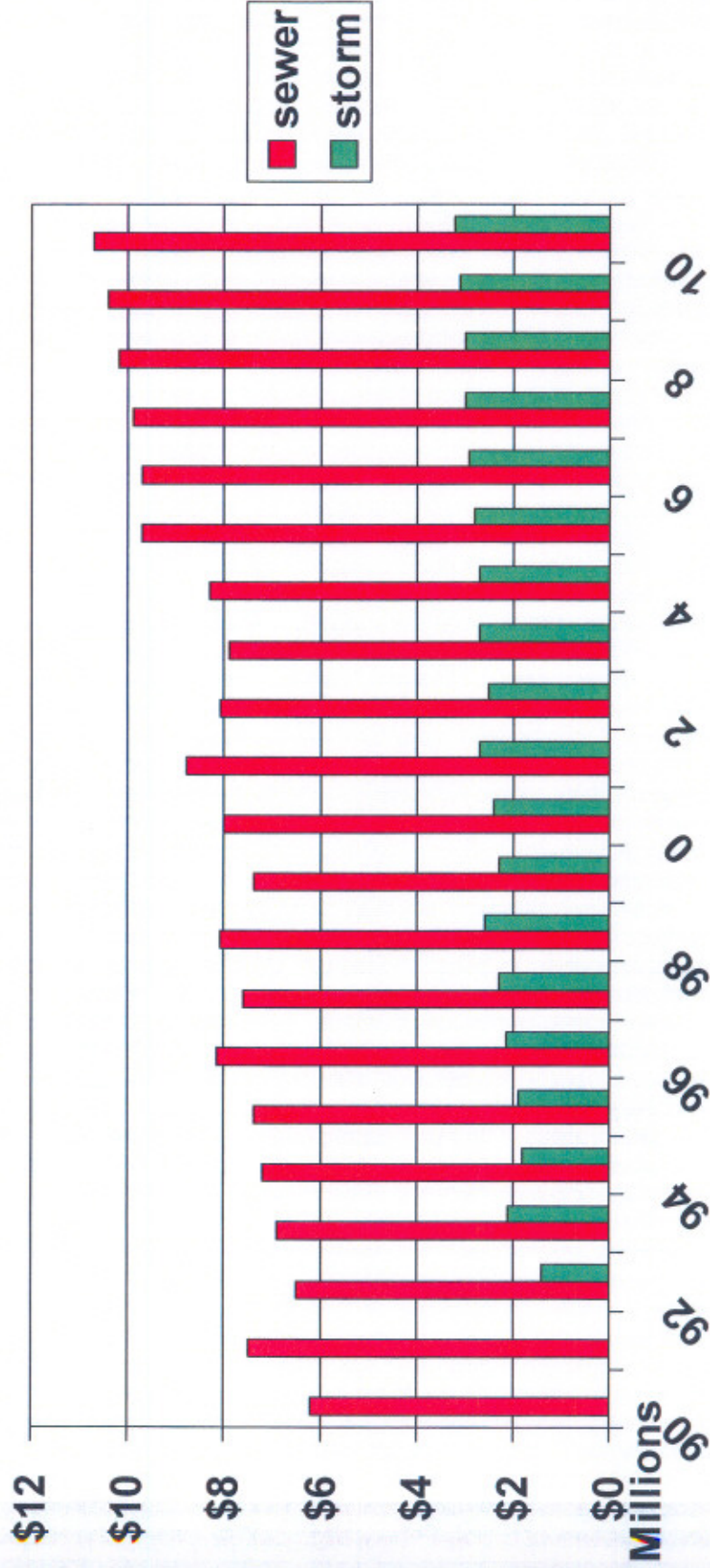


# Water Utility Operating Costs



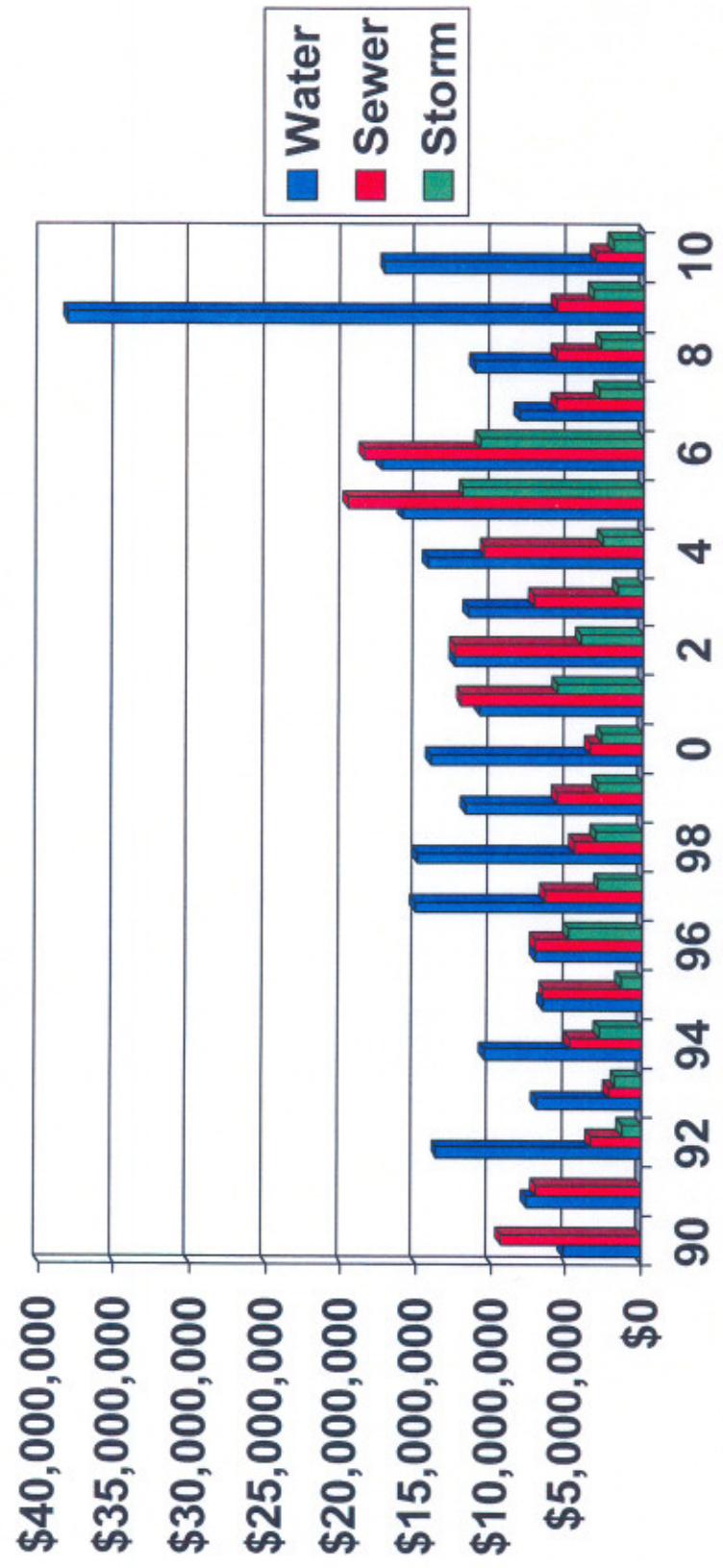
# Sewer & Stormwater Operating Costs

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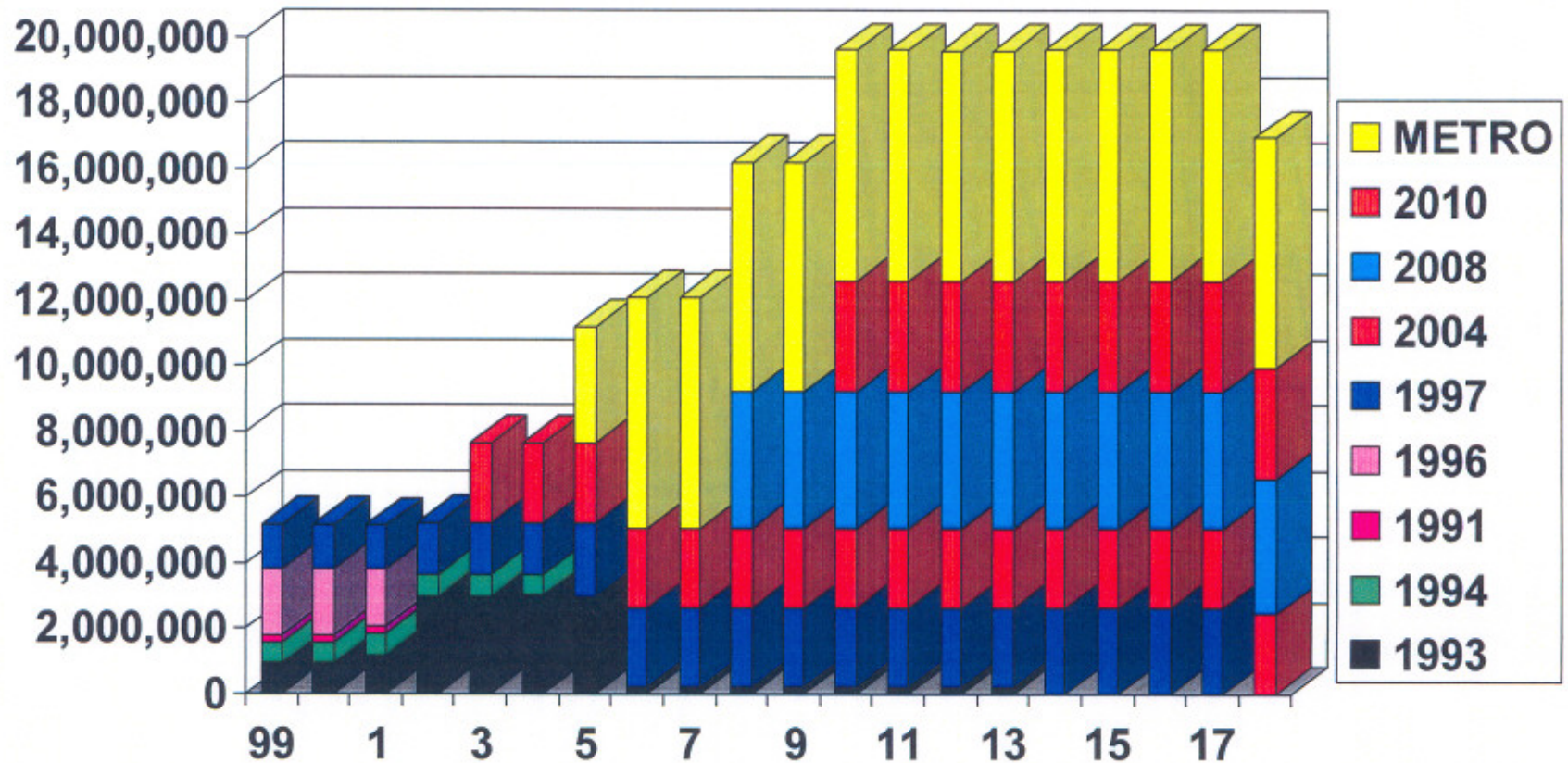


# Capital Improvements by Year

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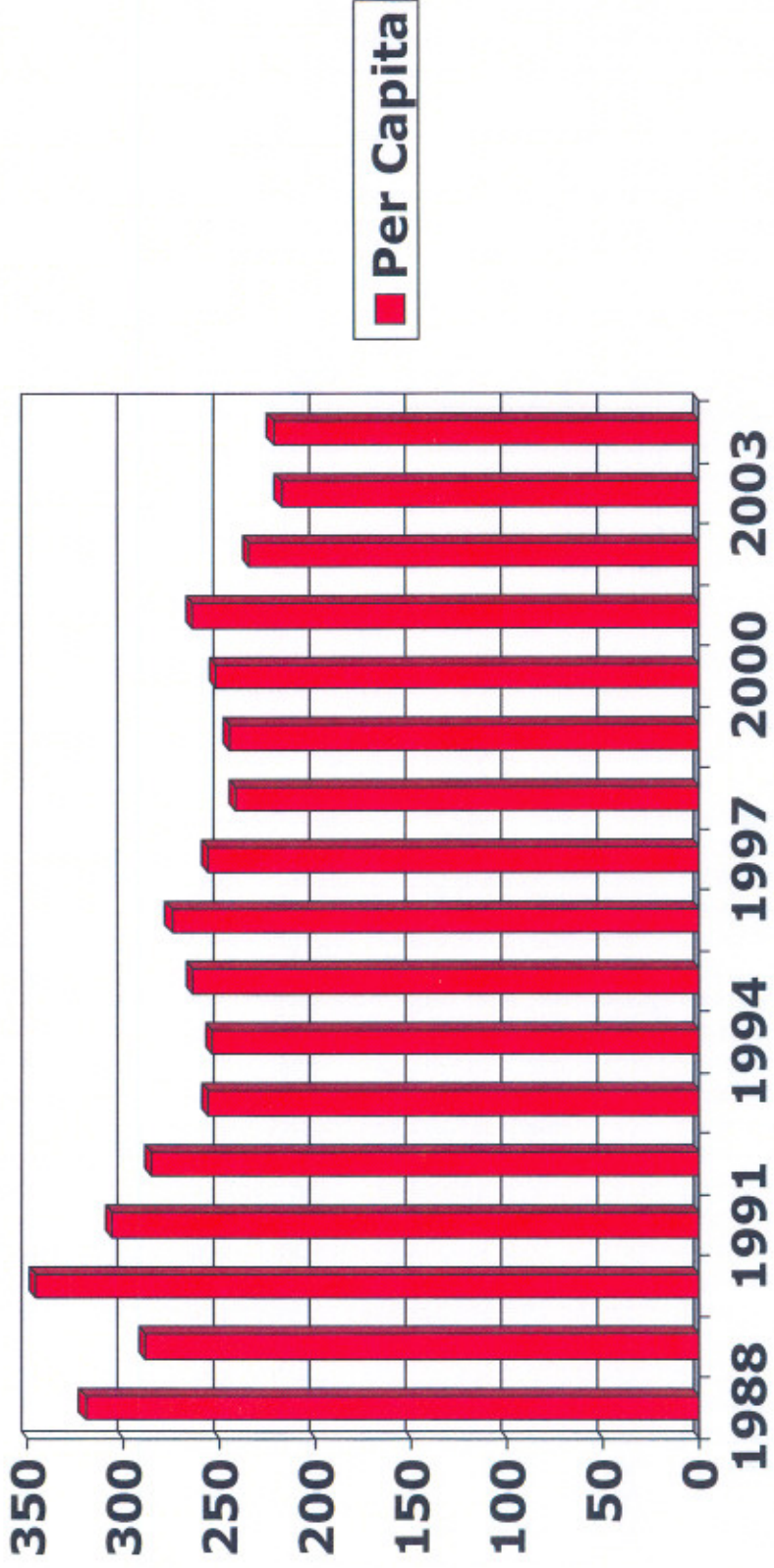
# Public Utilities Proposed Debt Service Schedule and Metropolitan Water Assessment



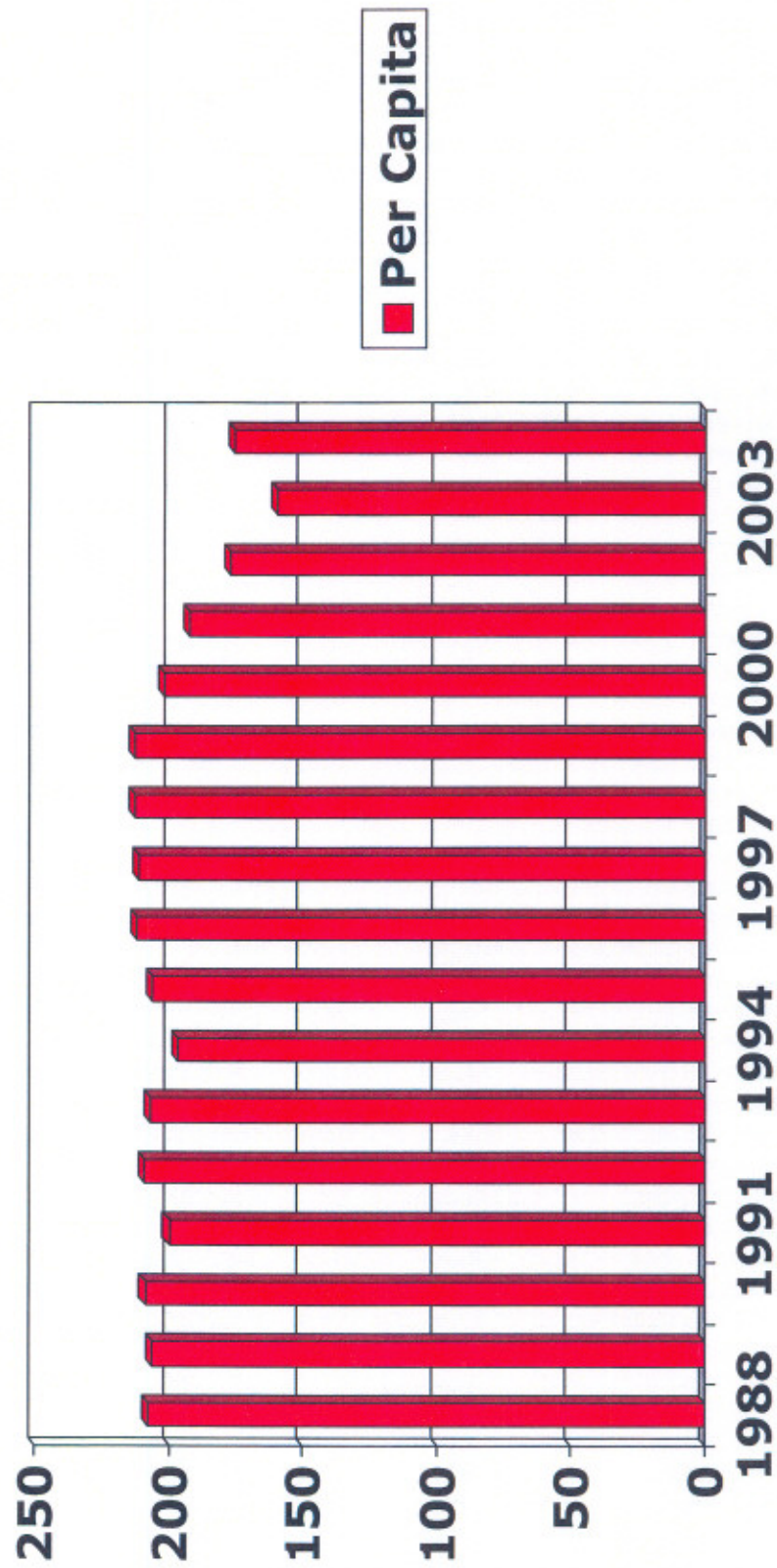


# Salt Lake City Per Capita Water Consumption

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# Salt Lake City Per Capita Sewer Usage



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## WATER UTILITY ENTERPRISE FUND

### SUMMARY OF MAJOR BUDGET ISSUES

The recommended budget for the Water Fund for fiscal year 2005-2006 has a modest decrease in expenditures of \$283,000 or .5%. This decrease does include non-controllable expenses for Metropolitan Water District that saw an increase of \$4.2 million or 40% over last years payments for water purchases and capital assessment.

- Implementation of Council Approved Capital Improvement Program – The total capital improvement and capital outlay budget of \$19,680,500 is the fifth year of the Department's five-year capital improvement program approved by the City Council in 2001.
- Implementation of the Approved Rate Increase to Finance the Metropolitan Water District – The proposed budget for 2005 – 2006 includes the last of four water rate increases approved by the Council in June of 2001, to finance the Metropolitan Water District's and Department's capital improvement program. The Metropolitan Water District's capital expansion will require a \$7 million assessment for 2005-2006 and for the next 28 years the same assessment of \$7 million for a total remaining payment of near \$200 million. Both capital improvement programs were approved by the City Council in 2001.
- Upgrade Continues for City Creek Water Treatment Plant- This budget includes funding for the continued renovation of the City Creek Water Treatment Plant in the amount of \$7 million. The upgrade to meet current treatment standard methods began last year with the Council's approval. The Department will not be able to fund all seismic components of the plant upgrade until after the initial five-year program window.
- Future rate increases totaling 40% over the next seven years will be needed to finance \$165 million capital improvement program– Rate increases averaging 5.7% per year for the next seven years will be required to finance water's capital improvement needs. The City Council would need to approve these rate increases to continue to upgrade and replace the aging water infrastructure. The Salt Lake City's water system is one of the oldest water systems in the Western United States. The majority of our wells, pumpstations and treatment plants were constructed during the 40's and 50's. The department needs to replace and upgrade these 50 to 60 year old structures.

- Surety bond transfer of \$2.1 million for water line replacement- This budget proposes a transfer of \$2.1 million from the 1997 bond Service Account to the capital project fund to help finance the water line replacement program. The department is proposing to issue a surety bond to bond holders to free up the money set aside to protect bond holders. The fund would be replaced by a surety bond, which would cost about \$60,000. This option is considered a better financial decision than issuing revenue bonds for \$2.1 million and paying an annual debt service of \$188,000 over fifteen years.

<b>Budget Year</b>	<b>City Council Approved Increases</b>	<b>New Proposed Rate Increases</b>
2005-2006	6%	6%
2006-2007		8%
2007-2008		8%
2008-2009		8%
2009-2010		4%
2010-2011		3%
2011-2012		3%
<b>Total</b>	<b>6%</b>	<b>40%</b>

### **Analysis of Estimated Revenue**

An analysis of the estimated revenue contained in the Department's recommended Budget for the Water Fund is as follows.

<b>Revenue</b>	<b>Adopted 2004-2005</b>	<b>Proposed 2005-2006</b>	<b>Difference</b>	<b>Percent</b>
Charges for services	\$42,655,903	\$45,215,257	2,559,354	6.0%
Interest	500,000	450,000	(50,000)	(10.0%)
Interfund charges	2,126,425	2,256,425	130,000	6.1%
Sale of used equipment	50,000	50,000	0	0.0%
Impact fees	1,000,000	1,000,000	0	0.0%
Contributions by Developers	1,294,752	855,000	(439,752)	(34.0%)
Bond Proceeds	0	2,098,490	2,098,490	N/A
Reserve Funds	13,737,389	9,081,996	(4,655,393)	(33.9%)
<b>TOTAL</b>	<b>\$61,364,469</b>	<b>\$61,007,168</b>	<b>(357,301)</b>	<b>(0.58%)</b>

Revenue from Charges for Services: The proposed budget includes the last approved 6% rate increase in the amount of \$2.56 million.

Interest Income: With the low interest rates and diminishing cash reserves, interest income continues to decrease by \$50,000.

Interfund Charges and Other Reimbursements: The Water Fund processes bills and handles customer service complaints for the Sewer, Stormwater and the Refuse Fund. This will increase \$130,000 as postage has jumped since the last time this cost was adjusted.

Contributions by Developers: Recent accounting standards now classify all developer contributions as non-operating revenue. It is anticipated that donations will decrease by 489,752 this next year.

Reserve Funds: A transfer of \$8.8 million is needed from reserves to finance the capital improvement program.

### **Analysis of Proposed Expenditures**

The expenditure budget for the Department is proposed to decrease by \$357,301 or (0.58%) over the 2004 - 2005 budget. The proposed budget for fiscal year 2005 - 2006 by major category is as follows:

<b>Major Expenditure Category</b>	<b>Amended 2003-2004</b>	<b>Proposed 2005-2006</b>	<b>Difference</b>	<b>Percent</b>
Personal services	\$13,990,453	\$14,509,670	\$519,217	3.7%
Materials and supplies	2,373,149	2,370,779	(2,370)	(0.1%)
Charges for services	17,661,158	21,826,219	4,165,061	23.6%
Debt service	4,737,748	2,620,000	(2,117,748)	(44.7%)
Capital outlay	1,982,700	2,165,500	182,800	9.2%
Capital improvement program	20,619,261	17,515,000	(3,104,261)	(15.1%)
<b>TOTAL</b>	<b>\$61,364,469</b>	<b>\$61,007,168</b>	<b>(\$357,301)</b>	<b>(0.58%)</b>

Personal Services: The proposed budget includes \$542,000 for employee compensation adjustments. The budget includes a 3% increase for Cola, merit increases and an 11% boost in health insurance. The budget proposes to eliminate 1 seasonal employee for a saving of \$23,000.

Materials & Supplies: The proposed budget for materials and supplies continues to decrease although costs continue to increase. Greater efficiency with materials and supplies has helped keep overall costs lower.

Charges for Services: The Department proposes the following budget changes to the charges for service area as follows:

- Increase of \$686,000 for water purchases from the Metropolitan Water District as cost of treated water from Metro rises from \$150 an acre foot to \$163.
- Increase of \$3,510,946 for Metropolitan Water capital assessment, double last years amount. This is the first full year of the annual assessment that will continue until 2035.

- Increase of \$130,400 in the payment in lieu of taxes to the General Fund. As net income for the Water Utility increases this tax increases according to a set formula.
- Increase of \$20,301 for increases in Fleet Management related fuel costs.
- Decrease of (\$270,832) for Professional and Technical Services. Reduction of water quality testing and the "Keep it Pure" advertising campaign.
- Decrease in Utilities costs of (\$79,317) with more efficient equipment.
- Increase of \$141,019 for other charges and services tied to increased water stock assessments and insurance costs.
- Increase in City data processing charges of \$29,000.
- Other various reductions of (\$2,456).

Capital Outlay: The proposed capital outlay budget for fiscal year 2005- 2006 is primarily needed replacement vehicles and heavy equipment to maintain operations.

Capital Improvement Program: The Department's proposed budget for fiscal year 2005- 2006 includes capital projects as follows:

<b>Proposed Capital Improvement Program for Fiscal Year 2005-2006</b>	
<b>Type of Project</b>	<b>Budget Amount</b>
Replacement of water lines and hydrants	\$4,650,000
Reservoirs	65,000
Distribution Reservoirs	375,000
Treatment plants ( <i>City Creek Plant Upgrade</i> )	8,394,000
Wells	26,000
Maintenance buildings	40,000
Water meter replacement	1,000,000
Culverts, flumes & bridges	30,000
Water stock purchases	30,000
Land purchases	750,000
Landscaping – Conservation Projects	105,000
Service Line Replacement	1,850,000
Pumping Plant Upgrades	200,000
<b>Total 2005-2006 Capital Improvement Program</b>	<b>\$17,515,000</b>

There is very little change from last year's program except that the amount budgeted for City Creek treatment plant renovation is a little smaller as we go into the second year of construction. The other major capital improvement areas remain reasonably constant to keep maintaining the over 1,300 miles of water lines in the system.

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## SEWER UTILITY ENTERPRISE FUND

### SUMMARY OF MAJOR POLICY ISSUES

The Department's Recommended Budget for the Sewer Utility Fund for fiscal year 2005 - 2006 allows for a rate increase of 7%.

The major policy issues reflected in the Mayor's Recommended Budget for the Sewer Fund for fiscal year 2005 -2006 is:

- 2<sup>nd</sup> Year of major Sewer Treatment Plant construction upgrades – After issuing \$25 million in bonds in 2003-2004 fiscal year the true plant upgrades moved from design to implementation. This year is the second year of a planned three year secondary treatment plant expansion project designed to increase and improve treatment capacity.
- Revenues expected to remain flat – The recent redesigned of sewer fees continues to show a positive trend on BOD (biological oxygen demand) treatment plant capacity. Revenues are budgeted considerably less than last years amount even with the 7% rate increase. The drought and restructure between residential and commercial usage has actually dropped Sewer Utility earnings. Now that the rates are settled it is expected that the 7% rate increase this year should increase revenue from actual receipts to meet the expected target.
- Delay construction of \$3 million Sewer Laboratory building– Planned to begin construction in 2006, the laboratory building is delayed to review other alternatives. Delaying a new building will not impact the service levels provided by the lab nor create any hardship for the utility.

### POLICY CHANGES FROM PREVIOUS YEAR

The recommended budget for fiscal year 2004 -2005 reflects the following policy direction:

- Revenue projections improving – Revenue is expected to recover from the impact of the drought and reflect the total 7% rate change.
- Capital improvement program – The proposed five-year capital improvement plan includes \$40 million for projects through 2010 fiscal year. The 2005-2006 fiscal year will be \$18.6 million with over 73% for plant upgrades.

## Analysis of Revenue

An analysis of the estimated revenue contained in the Mayor's Recommended Budget is as follows.

Revenue	Adopted 2004-2005	Proposed 2005-2006	Difference	Percent
Sewer Services Fees	\$17,018,344	\$15,729,000	(\$1,289,344)	(7.6%)
Interest	450,000	300,000	(150,000)	(33.3)%
Permits	85,000	85,000	0	0.00%
Other	667,000	667,000	0	0.00%
Impact Fees	325,000	400,000	75,000	23.1%
Reserve Funds	25,602,932	14,518,301	(11,084,631)	(43.3)%
<b>TOTAL</b>	<b>\$44,148,276</b>	<b>\$31,699,301</b>	<b>(\$12,448,975)</b>	<b>(28.2%)</b>

## Explanation of revenue

Sewer service fees: Over the last four years, sewer revenue has not increase in relationship with the approved rate increases. This is a cause and effect relationship of a slow economy, rate restructure and water conservation efforts by our customers. The department is anticipating the full effect of the 2006 pre-approved 7% rate increase set by the City Council in 2001. Rate increases normally would have increased sewer revenue 55.5% since 2000 or annual revenue for 2006 should have been projected at \$18 million. The following table illustrates the revenue comparison and the effect that rate increases have actually had on sewer revenue since 2000.

SEWER REVENUES & EFFECT OF RATE CHANGES	Actual 2000-01	Actual 2001-02	Actual 2002-03	Actual 2003-04	Projected 2004-05	Budgeted 2005-06
(In thousands)						
Annual Sewer Revenue	\$11,569	\$13,988	\$14,152	\$14,414	\$14,700	\$15,729
Council approved Annual Rate Increases	12.5%	9%	9%	9%	9%	7%
Percent of Actual Revenue change from prior year	No prior Rate Increase	20.9%	1.17%	1.85%	1.98%	7%

Interest Income: Interest income is expected to decrease as cash is reduced during the capital improvement phase of the Sewer Treatment Plant.

Permit fees: No change.

Other income: No change.

Impact Fees: Budgeted increase of \$75,000 to meet the level of actual fees received from developers last fiscal year. Not a true increase.



Reserve Funds: Reserve funds of \$14,518,301 will be required to provide the additional financing gap often needed to assist with our capital funding. The utility has sufficient funds from the previous bond issue to balance the budget.

### **Analysis of Expenditures**

The expenditure budget for the Department is proposed to decrease (\$12,448,975) or (28.2%) over the 2004 - 2005 budget. The proposed budget for fiscal year 2005 - 2006 by major category is as follows:

<b>Major Expenditure Category</b>	<b>Amended 2004-2005</b>	<b>Proposed 2005-2006</b>	<b>Difference</b>	<b>Percent</b>
Personal services	\$5,982,250	<b>\$6,159,932</b>	\$177,682	3.0%
Materials and supplies	1,368,934	<b>1,376,875</b>	7,941	.6%
Charges for services	2,320,642	<b>2,165,894</b>	(154,748)	(6.6%)
Debt services	2,334,450	<b>1,935,000</b>	(399,450)	(17.1%)
Capital improvements	31,074,000	<b>18,675,000</b>	(12,399,000)	(7.7%)
Capital outlay	1,068,000	<b>1,386,600</b>	318,600	29.8%
<b>TOTAL</b>	\$44,148,276	<b>\$31,699,301</b>	(12,448,975)	(28.2%)

Personal Services: The proposed budget includes a projected preliminary 3% salary adjustment and increase in insurance benefit costs of \$177,000.

Materials & Supplies: The proposed budget for materials and supplies increases slightly by \$7,941 although costs are rising, the department expects to do more with less.

Charges for Services: The services decreased \$154,000 in the following areas. Department proposes the following budget changes to the charges and service area as follows:

- Increase of \$5,000 for fleet fuel.
- Decrease of over (\$131,000) as we increase capitalization of equipment and supplies during the extensive capital improvement renovations.
- Decrease in power cost of the start-up of the co-generation project of (\$110,037).
- Decrease of (\$10,400) for payment in lieu of taxes
- Increase of \$56,000 for casualty insurance premiums.
- Increase of \$8,000 for data processing charges.
- Increase in professional and Technical service costs of 29,381
- Decrease of (\$1,692) for travel and training.

Debt Service: The annual debt service is reduced because the 1993 Bond Issue was paid off during 2005.

Capital Outlay: The proposed capital outlay budget increased \$318,000 for the purchase of a replacement high pressure truck and front-end loader.

Capital Improvements: The Department's proposed capital budget for fiscal year 2005 - 2006 is heavily proportioned toward various treatment plant upgrades, but still maintaining a steady replacement of worn sewer lines. The increase in maintenance and repair shops coincides with expected plant upgrade needs. The other categories reflect on average improvement needs. The general category of capital projects for fiscal year 2005 - 2006 are as follows:

Type of Project	Budget Amount
Land ( <i>purchase for Bio Solid Land Application</i> )	\$ 1,000,000
Maintenance and repair shops	\$ 815,000
Lift Stations	\$ 50,000
Treatment Plant	\$ 13,635,000
Collection Lines	\$ 3,050,000
Site Improvements	\$ 125,000
Total 2004 - 2005 Capital Improvement Program	\$ 18,675,000

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## STORMWATER UTILITY ENTERPRISE FUND

### SUMMARY OF MAJOR BUDGET ISSUES

The recommended budget for the Stormwater Fund for fiscal year 2005 – 2006 decreases expenditures by (\$6,397,092) or 30.41% and reflects the further use of the \$8 million revenue bond received in January 2004.

### Analysis of Estimated Revenue

An analysis of the estimated revenue contained in the Department's Recommended Budget for the Stormwater Fund is as follows.

Revenue	Adopted 2003- 2004	Proposed 2005-2006	Difference	Percent
Operating Sales	\$5,348,151	\$5,245,000	(\$103,151)	(1.9%)
County Flood Reimbursement	200,000	200,000	0	0.0%
Interest	200,000	200,000	0	0.0%
Impact fees	200,000	200,000	0	0.0%
Contributions by Developers	516,000	516,000	0	0.0%
Other	10,000	10,000	0	0.0%
From (To) Reserves	14,548,075	8,254,134	(6,293,941)	(43.3%)
<b>TOTAL</b>	<b>\$21,022,226</b>	<b>\$14,625,134</b>	<b>(\$6,397,092)</b>	<b>(30.4%)</b>

Operating Sales: Total sales remains flat but the budget is reduced so revenue matches closer to last years actual sales of \$5,241,000.

County Flood Reimbursement: No change is expected.

Reserve Funds: A transfer of \$8.2 million is needed from reserve funds to finance the capital improvement program. The funding is mainly through the pooling of the prior bond issue.

Interest Income: No change is expected here.

Impact Fees: Again, no change with no anticipated growth.

Contributions by Developers: No change is expected.

Other Fees: No change is expected.

## Analysis by Proposed Expenditures

The expenditure budget for the Department is proposed to decrease (\$6,397,092) or 30.4% over the 2004-2005 budget. The proposed budget for fiscal year 2005 - 2006 by major category is as follows:

Major Expenditure Category	Amended 2004-2005	Proposed 2005-2006	Difference	Percent
Personal services	\$1,482,318	\$1,534,983	\$52,665	3.6%
Materials and supplies	123,900	126,000	2,100	1.7%
Charges for services	1,272,808	1,267,151	(5,657)	(0.4%)
Debt Service	640,000	600,000	(40,000)	(6.3%)
Capital improvements	17,004,000	10,874,000	(6,130,000)	(36.1%)
Capital equipment	499,200	223,000	(276,200)	(55.3%)
<b>TOTAL</b>	<b>\$21,022,226</b>	<b>14,625,134</b>	<b>(\$6,397,092)</b>	<b>(30.4%)</b>

Personal Services: The proposed budget reflects a potential 3% salary adjustment and merit raises, including an anticipated 11% increase for insurance costs for employees.

Materials & Supplies: The proposed budget for materials and supplies is increasing by \$2,100 or less than 2%.

Charges & Services: The Department proposes a slight reduction of .4% or (\$5,627) in charges and services for this fiscal year for Stormwater. The following budget changes to the charges for service area are as follows:

- Increase in professional and technical services of \$34,000 includes an increase of customer billing fees of \$32,000 and a \$2,000 increase in the cost of leaf bags.
- Decrease of (\$4,000) for administrative fees.
- Increase \$4,000 for payment in lieu of taxes to the General Fund.
- Decrease of (\$465) for travel and training.
- Increase of \$828 for City Data Processing costs.
- Decrease (\$40,020) in other expenses.

Debt Service: The amount of debt service will decrease \$40,000 because of the lower interest rate on bonds issued during 2003 - 2004 was not fully reflected in the 2004-2005 budget.

Capital Equipment: The proposed capital equipment budget decreases 55% with the needed purchase of A Track excavator for \$128,000 with various other regular trucks and both maintenance and office equipment.

Capital Improvements: Of the \$10 million CIP budget \$4.5 million will be for finalizing the 900 South interceptor line, phase II, with \$2 million for the surplus canal CWA#2 (Civil Works Administration) lift station and land acquisition. The balance will be to replace existing storm lines and upgrading lift stations.

The Department's proposed budget for fiscal year 2005 – 2006 includes capital projects as follows:

<b>Type of Project</b>	<b>Budget Amount</b>
Lift Stations	\$ 2,986,000
Collection Lines	\$ 7,888,000
Total 2004 – 2005 Capital Improvement Program	\$ 10,874,000

**WATER UTILITY  
ENTERPRISE FUND  
BUDGET SUMMARY  
FY 2006-08**

<b>SOURCES</b>	ACTUAL 2003-04	AMENDED BUDGET 2004-05	PROJECTED ACTUAL 2004-05	PROPOSED BUDGET 2005-06	FORECAST BUDGET 2006-07	FORECAST BUDGET 2007-08
<b>REVENUES</b>						
METERED SALES	\$42,835,490	\$42,655,903	\$42,655,903	\$45,215,257	\$48,832,478	\$52,739,076
INTEREST INCOME	604,279	500,000	500,000	450,000	450,000	700,000
OTHER REVENUES	2,311,213	2,126,425	2,126,425	2,256,425	2,256,425	2,256,425
<b>TOTAL REVENUES</b>	<b>\$45,750,982</b>	<b>\$45,282,328</b>	<b>\$45,282,328</b>	<b>\$47,921,682</b>	<b>\$51,538,903</b>	<b>\$55,695,501</b>
<b>OTHER SOURCES</b>						
GRANTS & OTHER RELATED REVENUES	\$2,548,715	\$855,000	\$355,000	\$855,000	\$855,000	\$855,000
IMPACT FEES	902,271	500,000	1,000,000	1,000,000	1,000,000	1,000,000
OTHER SOURCES	1,204,647	989,752	550,000	50,000	50,000	50,000
BOND PROCEEDS	0	0	0	2,098,490	0	46,000,000
<b>TOTAL OTHER SOURCES</b>	<b>\$4,655,633</b>	<b>\$2,344,752</b>	<b>\$1,905,000</b>	<b>\$4,003,490</b>	<b>\$1,905,000</b>	<b>\$47,905,000</b>
<b>TOTAL SOURCES</b>	<b>\$50,406,615</b>	<b>\$47,627,080</b>	<b>\$47,187,328</b>	<b>\$51,925,172</b>	<b>\$53,443,903</b>	<b>\$103,600,501</b>
<b>EXPENSES &amp; OTHER USES</b>						
<b>EXPENDITURES</b>						
PERSONAL SERVICES	\$13,377,007	\$13,990,453	\$13,990,453	\$14,509,670	\$14,944,907	\$15,393,204
OPERATING & MAINTENANCE	2,004,711	2,373,149	2,373,149	2,370,779	2,418,195	2,466,555
TRAVEL & TRAINING	59,830	66,020	66,020	65,364	66,671	68,005
UTILITIES	1,776,302	1,986,680	1,986,680	1,907,363	1,945,510	1,984,420
PROF & CONTRACT SERVICES	1,896,625	2,628,532	2,628,532	2,357,700	2,404,855	2,452,952
DATA PROCESSING	399,388	407,300	407,300	435,500	444,210	453,094
FLEET MAINTENANCE	824,248	839,699	839,699	860,000	877,200	894,744
ADMINISTRATIVE SERVICE FEE	602,565	660,000	660,000	660,000	673,200	686,664
PAYMENT IN LIEU OF TAXES	341,872	294,500	294,500	423,900	432,378	441,026
METRO. WATER PURCH & TREAT	7,478,363	6,975,000	6,975,000	7,661,000	8,930,000	9,600,000
METRO ASSESSMENT (CAPITAL)	0	3,510,946	3,510,946	7,021,892	7,021,892	7,021,892
OTHER CHARGES AND SERVICES	393,368	292,481	292,481	433,500	400,370	407,377
<b>TOTAL EXPENDITURES</b>	<b>\$29,154,279</b>	<b>\$34,024,760</b>	<b>\$34,024,760</b>	<b>\$38,706,668</b>	<b>\$40,559,388</b>	<b>\$41,869,934</b>
<b>OTHER USES</b>						
CAPITAL OUTLAY	\$1,102,766	\$1,982,700	\$2,399,100	\$2,165,500	\$2,536,000	\$1,695,000
CAPITAL IMPROVEMENT BUDGET	14,338,453	20,619,261	16,089,246	17,515,000	8,272,450	11,288,000
DEBT SERVICES	4,762,620	4,737,748	4,737,748	2,620,000	2,620,000	6,760,000
<b>TOTAL OTHER USES</b>	<b>\$20,203,839</b>	<b>\$27,339,709</b>	<b>\$23,226,094</b>	<b>\$22,300,500</b>	<b>\$13,428,450</b>	<b>\$19,743,000</b>
<b>TOTAL USES</b>	<b>\$49,358,118</b>	<b>\$61,364,469</b>	<b>\$57,250,854</b>	<b>\$61,007,168</b>	<b>\$53,987,838</b>	<b>\$61,612,934</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>	<b>\$1,048,497</b>	<b>(\$13,737,389)</b>	<b>(\$10,063,526)</b>	<b>(\$9,081,996)</b>	<b>(\$543,935)</b>	<b>\$41,987,567</b>
<b>OPERATING CASH BALANCES</b>						
BEGINNING JULY 1	\$21,830,814	\$22,879,311	\$22,879,311	\$12,815,785	\$3,733,789	\$3,189,854
ENDING JUNE 30	\$22,879,311	\$9,141,922	\$12,815,785	\$3,733,789	\$3,189,854	\$45,177,422
Cash Reserve Ratio			38%	10%	7.86%	107.90%
Operating cash balance is defined as total cash less restricted amounts for bond covenants and outstanding accounts payable.						
Metropolitan water rates per acre ft.	\$150	\$150	\$150	\$163	\$188	\$200

WATER UTILITY  
CASH FLOW

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2/15/2005

	ACTUAL YEAR 2000-2001	ACTUAL YEAR 2001-2002	ACTUAL YEAR 2002-2003	ACTUAL YEAR 2003-2004	CURRENT YEAR 2004-2005	BUDGET YEAR 2005-2006	BUDGET YEAR 2006-2007	BUDGET YEAR 2007-2008	BUDGET YEAR 2008-2009	BUDGET YEAR 2009-2010
WATER SALES	39,771,723	41,146,264	38,716,823	43,532,183	42,555,903	45,215,257	48,832,478	52,739,076	56,958,202	59,236,930
OTHER INCOME	1,477,971	1,498,938	1,461,673	1,614,519	2,126,425	2,836,425	2,256,425	2,256,425	2,256,425	2,256,425
INTEREST INCOME	2,393,698	830,302	606,873	604,279	500,000	450,000	450,000	700,000	600,000	700,000
OPERATING INCOME	43,583,392	43,473,504	40,785,369	45,750,981	45,282,328	47,921,682	51,538,903	55,695,501	59,814,627	62,192,955
METROPOLITAN WATER ACCESSMENT										
METROPOLITAN WATER PURCHASES	-5,347,419	-7,648,516	-7,211,405	-7,478,362	-6,975,000	-7,021,892	-7,021,892	-7,021,892	-7,021,892	-7,021,892
OPERATING EXPENDITURES	-19,284,121	-21,094,090	-20,934,517	-21,675,918	-23,230,814	-24,023,716	-24,607,496	-25,248,042	-25,901,674	-26,381,456
NET INCOME EXCLUDING DEPR.	10,961,852	14,730,898	12,659,447	16,596,701	11,257,568	5,915,014	10,979,515	13,825,567	16,450,061	17,639,607
OTHER RECEIPTS / BOND PROCEEDS										
IMPACT FEES	1,038,540	841,923	586,173	902,271	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
OTHER CONTRIBUTIONS	1,952,318	993,197	1,994,650	3,763,363	905,000	905,000	905,000	905,000	905,000	905,000
CAPITAL OUTLAY	-1,437,941	-1,257,356	-542,283	-1,102,765	-2,399,100	-2,165,500	-2,536,000	-1,685,000	-1,685,000	-1,630,000
WATERBUSH PURCHASES	-272,071	-2,170,851	-58,058	-480,000	-500,000	-500,000	-500,000	-500,000	-500,000	-500,000
DEBT SERVICE	-4,528,598	-4,665,794	-4,669,066	-4,762,620	-4,737,748	-4,820,000	-2,620,000	-2,620,000	-2,620,000	-2,620,000
DEBT SERVICE (NEW)	0	0	0	0	0	0	0	-4,140,000	-7,524,000	-7,524,000
OTHER INCOME & EXPENSE	-3,247,752	-6,258,881	-2,689,384	-1,649,756	-5,731,848	-1,282,010	-3,751,000	-3,950,000	-7,040,000	-27,231,000
AVAILABLE FOR CAPITAL	15,714,100	8,472,017	9,950,063	14,945,945	5,525,720	7,933,004	7,228,515	52,775,567	9,410,961	44,876,607
CAPITAL IMPROVEMENTS	-8,728,690	-12,143,083	-11,563,358	-13,808,448	-15,585,246	-17,015,000	-7,792,450	-10,788,000	-38,235,000	-16,865,000
CASH INCREASE/(DECREASE)	6,985,410	-3,671,066	-1,613,295	1,048,497	-10,059,526	-9,081,996	-543,935	41,987,567	-28,824,939	28,185,607
BEGINNING CASH BALANCE	20,129,765	27,115,175	23,444,109	21,830,814	22,879,311	12,815,785	3,733,789	3,189,853	45,177,420	16,352,481
CASH INCREASE/(DECREASE)	6,985,410	-3,671,066	-1,613,295	1,048,497	-10,059,526	-9,081,996	-543,935	41,987,567	-28,824,939	28,185,607
ENDING BALANCE	27,115,175	23,444,109	21,830,814	22,879,311	12,815,785	3,733,789	3,189,853	45,177,420	16,352,481	44,538,088
WATER DEBT SERVICE COVERAGE	4.19	3.16	2.71	3.48	2.38	3.52	4.19	2.05	2.43	1.74
SALE CHARGE	7.00%	7.00%	4.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	4.00%
ANNUAL RESIDENTIAL WATER										
BILL (1997-8180.00)	\$288.32	\$276.40	\$287.46	\$286.08	\$304.96	\$323.26	\$349.12	\$377.05	\$407.22	\$423.51
Cash Reserve Ratio	110.08%	81.57%	77.56%	78.68%	37.67%	37.67%	7.86%	107.90%	37.71%	99.97%
Metropolitan water rate	105.00	125.00	150.00	150.00	180.00	183.00	188.00	200.00	213.00	219.00
Metropolitan water purchases in acre	49,200.00	45,000.00	45,550.00	60,333.00	46,500.00	47,000.00	47,500.00	48,000.00	49,000.00	50,000.00
WATER SUPPLIED IN MILLION GALLONS	35,830.00	34,072.00	30,078.80	31,449.00	30,215.00	30,215.00	30,215.00	30,215.00	30,215.00	30,215.00
REVENUE PER MILLION GALLONS	1,108.62	1,207.57	1,487.18	1,397.55	1,411.75	1,498.45	1,616.17	1,745.46	1,885.10	1,960.50
Actual Revenue Change		3,581,267%	-5,899,828%	12,437,384%	-2,012,948%	6,000,000%	8,000,000%	8,000,000%	8,000,000%	4,000,000%

Salt Lake City Corporation  
 Department of Public Utilities  
**WATER CAPITAL IMPROVEMENT PROJECTS**  
 SIX YEAR PROPOSAL  
 2005 thru 2010

Last Update  
 2/15/2005

COST CENTER	PROJECT NUMBER	DESCRIPTION	Growth %	FEET OF PIPE	FISCAL YR 2004-05	FISCAL YR 2005-06	FISCAL YR 2006-07	YEAR 2007-2008	YEAR 2008-2009	YEAR 2009-2010
51-03301-	2710.10	<b>LAND</b>								
03301		WATERSHED PROPERTY			500,000	500,000	500,000	500,000	500,000	500,000
03301		PROPERTY FOR NEW WELL SITES				250,000	250,000	250,000		
					500,000	750,000	750,000	750,000	500,000	500,000
51-03301-	2710.30	<b>WATER RIGHTS &amp; SUPPLY</b>								
03301		WATER STOCK PURCHASES			30,000	30,000	30,000	30,000	30,000	30,000
					30,000	30,000	30,000	30,000	30,000	30,000
51-01301-	2720.10	<b>MAINTENANCE &amp; REPAIR SHOPS - WIP 51-01301-2772.10</b>								
00801		REPLACE SLUDGE PUMPS IN PUMPHOUSE								
02201		SHOPS CONVERSION			100,000					
03201		OFFICE CONVERSION			100,000					
00601		RESTROOM/SINGLE/ LAMBS			40,000					
00601		VARIOUS RESTROOM REPLACEMENTS			40,000	40,000	40,000	40,000	40,000	40,000
03201	51343	LEAKING UNDERGROUND STORAGE TANKS								
					280,000	40,000	40,000	40,000	40,000	40,000
51-01301-	2720.30	<b>TREATMENT PLANTS - WIP 51-01301-2772.10</b>								
00701	512276	CITY CREEK - TREATMENT PLANT UPGRADE	25%		2,300,000	7,000,000				
00701		SED BASINS - SEISMIC - COLLECTORS							5,000,000	
00701		ABOVE GRADE SEISMIC								
00701		UV								
00701		FILTER BUILDING PLC MODIFICATIONS								
00701		BW WATER RECOVERY SYSTEM							50,000	
00701		BW TANK REHAB							25,000	
00701		REPLACE ALL OLD LARGE LINES						500,000		
00701		SLUDGE BEDS - LINING & VALVES								
00701	512287	COAG WINDOWS			35,000					
00701	512284	FLUORIDATION BUILDING								
00801	5124472	MT DEL VALVE REPLACEMENT			115,000	1,100,000				
00801		TOC ON LINE ANALYZER								
00801		SLUDGE BEDS - LINING & VALVES								
00801		UV								500,000
00801		PRECURSOR/ TASTE & ODOR CONTROL						1,000,000		
00801		KMND4 FEEDER REPLACEMENT								
00801		HVAC - MULTI ZONE UNIT				100,000				
00801	5124473	NEW FLOOR HYPO ROOM			10,000					
00801		BW WATER RECOVERY SYSTEM								50,000
00801		PANEL ROOM CHARTS								
00801		SECURITY SYSTEM UPGRADE								25,000
00801		VALVE HOUSE REHAB (INCLUDING STAIRS)								
00801		LAB COUNTER, SINK, CABINETS, HOOD						75,000		
00801		FLASH MIXERS								
00801		CARBON FEED SYSTEMS						25,000		
00801		5-10 MG FINISHED WATER RESERVOIR								
00801		SLUDGE LINE							500,000	
00801		MAIN BUILDING FLASHING AND ROOF REPAIR				8,000				
00801		ADA UPGRADE TO WOMEN'S BATHROOM				10,000				
00801		REPLACE FERRIC FEED PUMPS				30,000				
00801		HYPOCHLORITE STORAGE TANK REPLACEMENT AND FLOOR				40,000				
00901		CAUSTIC FEEDER REPAIR				15,000				
00901		HYPOCHLORINE SYSTEM					500,000			
00901		SLUDGE BEDS - LINING & VALVES								
00901		ON-LINE INSTRUMENTATION								50,000
00901		REPLACE PRIMARY COAGULANT FEEDERS				15,000				
00901		SLUDGE BEDS - OVERFLOW PIPING				10,000				
00901		ON-LINE FILTER TURBIDIMETERS				24,000				
00901		ROOF TOP HVAC UNIT ON FILTER BUILDING				25,000				
00901		FILTER BUILDING VFD DRIVE PANEL				7,000				
00901		MILLCREEK TREATMENT PLANT	100%					600,000	5,400,000	
00901		BIG COTTONWOOD - SEISMIC UPGRADE (SEDIMENTATION BASIN)								1 OF 10



Salt Lake City Corporation  
 Department of Public Utilities  
**WATER CAPITAL IMPROVEMENT PROJECTS**  
 SIX YEAR PROPOSAL  
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COST CENTER	PROJECT NUMBER	DESCRIPTION	Growth %	FEET OF PIPE	FISCAL YR 2004-05	FISCAL YR 2005-06	FISCAL YR 2006-07	YEAR 2007-2008	YEAR 2008-2009	YEAR 2009-2010
00901		BIG COTTONWOOD DRYING BRDS								
00901		REBUILD TWO HIGH PRESSURE PUMPS								
00901		REBUILD TWO WASHWATER PUMPS								
00901		REBUILD TRANSMISSION ON FLASH MIXER			14,000					
	512146	FLORIDATION FOR SYSTEM			85,000					
					2,559,000	8,394,000	500,000	2,200,000	10,975,000	625,000
51-01301-	2720.35	<b>PUMPING PLANTS AND PUMP HOUSES - WIP 51-01301-2772.10</b>								
01301		LITTLE WILLOW PUMP STATION - NEW BOOSTER PUMP	100%							
01301	51341654	PUMPS & MOTOR 4500 SO PUMP STATION	100%		14,000					
01301		SOFT START MOTOR STARTER BONNEVILLE PUMP STATION	50%							
01301		PUMP BONNEVILLE PUMP STATION	100%		14,000					
01301		VICTORY ROAD	20%							500,000
01301		UPPER BOUNDARY SPRINGS							500,000	
01301		NORTH BENCH PUMP STATION	50%			100,000	900,000			
01301	51341672	MOTOR & PUMP 7800 SO PUMP STATION	20%		16,000					
01301	513416310	MOTOR & PUMP 3900 SO PUMP STATION	20%		17,000					
01301	51391672	V.F.D. FOR 7800 SO PUMP STATION	20%		28,000					
01301		REPLACE POWER TRANSFORMER EAST BENCH PUMP STATION						30,000		
01301		PUMPS & MOTOR BIRCH DR PUMP STATION	20%					16,000		
01301		MOTOR RESEARCH PARK PUMP STATION	100%					12,000		
01301		UPGRADE BUILDING STRUCTURES - ONE PER YEAR					100,000	100,000	100,000	100,000
01301	51341635	AUTOMATIC GRATE CLEANING SYSTEM FOR PUMP STATION INTAKE - 6200 South				100,000				
					89,000	200,000	1,000,000	158,000	600,000	600,000
51-01301-	2730.02	<b>CULVERTS FLUMES &amp; BRIDGES - WIP 51-01301-2773.10</b>								
00201		REPAIR OF BC AND LC FLUMES				20,000				
00101		6650 S. GREENFIELD WASTE WAY RECONSTRUCTION			15,000					
00101		4800 S WASTEWAY AUTOMATIC OVERFLOW			15,000					
00101		8900 S STATE ACCESS WAY			6,000					
00101		EAST JORDON EXT. BOX FLUME FROM CAHOON TO WALKER DIVERSIONS				10,000				
00101		9400 S BRIDGE							200,000	
00101	5129200	EMERGENCY PUMPS FOR UTAH LAKE			38,000					
00101	5129199	VARIOUS LOCATIONS					50,000	50,000	50,000	50,000
00101		10TH EAST 1388 SOUTH TO 1462 SOUTH								
					74,000	30,000	50,000	50,000	250,000	50,000
51-01301-	2730.04	<b>DEEP PUMP WELLS - WIP 51-01301-2773.10</b>								
01301	5132235	MICK RILEY & PIPELINES							4,000,000	
01301	5132241	RED BUTTE	100%					400,000	800,000	
01301		600 EAST							1,000,000	
01301		NEW WELL TO COVER 10 CFS WATER RIGHTS	100%							1,000,000
01301		VARIABLE SPEED DRIVES IN ALL WELLS						100,000	100,000	100,000
01301		6200 SOUTH REHAB							200,000	
01301	5132240	3900 SOUTH HIGHLAND DRIVE	100%					1,000,000		
01301		SUGAR HOUSE WELL - UPGRADE AND TREATMENT SYSTEM								1,000,000
01301		FONTAINE BLEU WELL								
01301		DIAGONAL WELL								
01301		V.F.D. WALKER LANE WELL			35,000					
01301		RECONDITION FONTAINE BLEU WELL				26,000				
01301	51341671512	7000 SOUTH PUMP STATION	10%							
01301	51341652	4500 SOUTH PUMP STATION	10%							
01301		UPGRADE BUILDING STRUCTURES - ONE PER YEAR						100,000	100,000	100,000
01301	51322312	500 SOUTH WELL								
					35,000	26,000	0	1,800,000	6,200,000	2,200,000
51-01301-	2730.06	<b>STORAGE RESERVOIRS - WIP 51-01301-2773.10</b>								
01301	5134452	LAKE MARY'S DAM				50,000				
01301	5134455	RED PINE DAM			75,000					
01201		SECURITY CAMERA FOR DOCS AND GATE				15,000				
01301	5124471	MT. DELL DAM								
					75,000	65,000	0	0	2,000,000	0

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51-01301-01301	2730.07 5134424	<b>DISTRIBUTION RESERVOIRS - WIP 51-01301-2773.10</b> MILITARY RESERVOIR							3,000,000	
		BASKIN - EXTENSIVE COATING FAILURE ON BEAMS				200,000				
		EAST BENCH #1 EAST - URETHANE FOAM ROOF REPAIRS & JOINT					35,000			
		EAST BENCH #2 WEST - URETHANE FOAM ROOF REPAIRS & JOINT					35,000			
		MOUNT OLYMPUS, EAST - FULL INTERIOR PAINTING & STRUCTURE				175,000				
01301	51344122	1300 SOUTH REPLACEMENT & DEMO							5,000,000	
01301		PLEASANT VALLEY DEMO			700,000					
01301		MISCELLANEOUS REPAIRS						50,000	50,000	50,000
01301	5134454	4500 SOUTH 2700 EAST RESERVOIR	20%							
02501		VICTORY RD RESERVOIR ELEC ACTUATOR			14,000					
					714,000	375,000	70,000	50,000	8,050,000	50,000
51-01301-	2730.08	<b>DISTRIBUTION MAINS &amp; HYDRANTS - WIP 5101301-2773.10</b>								
		<b>CED DRIVEN PROJECTS</b>								
01301	513504757	SOUTH TEMPLE - MAIN STREET TO VIRGINIA STREET (1345 E) (CED JOB NO. 102010)		21,600						
01301	513504773	MAJOR STREET		3,500						
01301		WATKINS CONSTRUCTION SHARE OF 20 INCH LINE 5600 WEST								
01301	513504756	500 EAST - 1300 SOUTH TO 2100 SOUTH (CED JOB NO. 102038)		5,940						
		INTERMODAL HUB - 600 WEST 200 SOUTH				200,000				
01301		1300 SOUTH - GLENDALE DRIVE (1350 W) TO APPROX. 1380 WEST		600	150,000					
01301		VARIOUS PROJECTS			100,000	100,000	100,000	100,000	400,000	400,000
					250,000	400,000	100,000	100,000	400,000	400,000
5		<b>WATER MAIN MISCELLANEOUS PROJECTS</b>								
01301	513800010	NEW MAINLINE VALVES - COUNTY			50,000	50,000	50,000	65,000	65,000	65,000
01301	51400007	WATER MAIN REPLACEMENTS			100,000	100,000	100,000	100,000	100,000	100,000
01301	51400007	DONATED LINES			100,000	100,000	100,000	100,000	100,000	100,000
01301	51380009	NEW MAINLINE VALVES - CITY			100,000	100,000	100,000	125,000	125,000	125,000
01301	51370009	FIRE HYDRANT REPLACEMENTS			200,000	200,000	200,000	250,000	250,000	250,000
01301		REGULATOR REPLACEMENT			100,000	100,000	100,000	100,000	100,000	100,000
01301		6400 SOUTH REGULATOR REPLACEMENT						50,000		
01301		CONTRIBUTIONS BY DEVELOPERS			500,000	500,000	500,000	500,000	500,000	500,000
					1,150,000	1,150,000	1,150,000	1,290,000	1,240,000	1,240,000
51-01301-	2730.08	<b>WATER MAIN REPLACEMENTS</b>								
01301	513504818	300 WEST - 700 SOUTH TO 800 SOUTH - PROJECT DELAYED TO FUTURE		890	90,000					
01301	513504817	300 SOUTH - 300 WEST TO 330 WEST - CARRY OVER PROJECT (NEED 35K)		365	90,000					
01301	513504705	G4-2 AMERICAN AVENUE (960 S) - 1100 WEST TO EMERY STREET (1170 W)		670	61,000					
01301	513504729	G4-2 FREMONT AVENUE (1120 S) - EMERY STREET (1170 W) TO 1100 WEST		665	60,000					
01301	513504836	G4-2 REMINGTON WAY (1125 S) - 800 WEST CIRCULAR - 1150 SOUTH TO 1190 SOUTH		1,300	84,500					
01301	513504859	G4-2 300 SOUTH - REDWOOD ROAD TO 1741 WEST		405	37,000					
01301	513504860	G4-2 500 SOUTH - NAVAJO STREET (1350 W) TO CONCORD STREET		600	54,000					
01301	513504837	G4-4 1600 SOUTH - APPROX. 338 WEST TO APPROX. 390 WEST		720	46,800					
01301	513504838	G4-4 1700 SOUTH - 450 WEST TO 500 WEST		460	29,900					
01301	513504839	G4-4 1700 SOUTH - 300 WEST TO APPROX. 400 WEST		720	123,500					
01301	513504840	G4-4 200 SOUTH - ORANGE STREET (1900W) TO REDWOOD ROAD (1700 W)		1,130	73,450					
01301	513504890	G4-5 ORANGE STREET (1900 W) - NORTH TEMPLE TO 100 SOUTH		1,520	98,900					
01301	513504891	G4-5 NORTH TEMPLE - REDWOOD ROAD (1700 W) TO ORANGE STREET (1900 W) 6" MAIN SOUTH SIDE		1,264	158,000					
01301	513504834	G4-7 INDIANA AVENUE (830 S) - APPROX. 1800 WEST TO APPROX. 1925 WEST		1,148	104,000					
01301	513504835	G4-7 INDUSTRIAL ROAD (1900 W) - CALIFORNIA AVENUE (1320 S) TO 1500 SOUTH		950	86,000					
01301	513504832	G4-7 CONCORD (1250 W) - INDIANA AVENUE TO 900 SOUTH		320	65,000					
01301	513504808	G4-8 2600 EAST - FOOTHILL DRIVE (1941 S) TO APPROX. 1815 SOUTH		1,022	109,000					
01301	513301655	4500 SOUTH - 2700 EAST TO HIGHLAND DRIVE - PROJECT IS ON HOLD SEE CHUCK			10,000					
01301	513504721	900 WEST 200 NORTH TO 1000 NORTH			50,000					
01301	513504724	900 SOUTH 400 NORTH TO 500 NORTH			140,000					
01301	51354909	UTAHNA DRIVE			85,000					
01301		VISTA VIEW DRIVE FROM KENNEDY TO OQUIRRH DRIVE			220,000					
01301	513301805	G4-10 BONITA DRIVE (3525 S) - ALTA VISTA STREET (1145 E) TO 1200 EAST		410	34,850					
01301	513301804	G4-10 GLORIETA STREET (3560 S) - ALTA VISTA STREET (1145 E) TO 1200 EAST		410	34,850					

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					2004-05	2005-06	2006-07	2007-2008	2008-2009	2009-2010
01301		SIXTEENTH AVENUE (820 N) - "J" STREET TO LITTLE VALLEY ROAD (860 E)		1,780			169100			
01301	513504708	17TH AVENUE (850 N) - HILLTOP ROAD (645 E) TO LITTLE VALLEY ROAD (860 E)		2,190			208050			
01301		DESOTO STREET (45 E) - ZANE AVENUE (530 N) NORTH TO THE END		1,385			131575			
01301		COLUMBUS STREET (1 E) - GIRARD AVENUE (540 N) NORTH TO THE END		1,100			104500			
01301		CUMORAH DRIVE (4420 S) - ABINADI ROAD (4160 E) TO HELAMAN CIRCLE (4430 S)		560			53200			
01301		GILEAD WAY (4460 S) - ZARAHEMLA DRIVE (4215 E) TO END OF STREET		1,420			134900			
01301		ZARAHEMLA DRIVE (4215 S) - CUMORAH DRIVE (4420 E) TO 4490 S)		950			90250			
01301	513301880	SANTA ROSA AVENUE (3325 S) - SANTA ROSA DRIVE (3275 E) TO EL SERRITO DRIVE (3425 E)		980			93100			
01301	513301881	LOS ALTOS STREET (3370 E) - SANTA ROSA AVENUE (3325 S) TO DEL VERDE AVENUE (3410 S)		740			70300			
01301	513301882	PLAZA WAY (3320 E) - SANTA ROSA AVENUE (3325 S) TO APPROX. 3382 SOUTH		500			47500			
01301		MONZA DRIVE (3680 S) - WASATCH BOULEVARD (3565 E) TO MILLCREST ROAD (3500 E)		510			48450			
				13,065			1241225			
		<b>FUTURE PROJECTS</b>								
01301		NORTH HILLS DR (780 N) - "I" ST TO APPROX. 585 E / "I" ST - NORTH HILLS DR TO NORTH CREST DR		950						
01301		NORTHMONT WAY (900 N) - APPROX. 442 EAST TO 521 EAST (AT VALVES)		815						
01301		"I" STREET (600 E) - ALOHA AVENUE (710 N) TO THIRTEENTH AVENUE (650 N)		570						
01301		NORTHCREST DRIVE (815 N) - ALOHA STREET (710 N) TO TERRACE HILLS DRIVE (950 E)		1,990						
01301		EIGHTEENTH AVENUE (900 N) - "J" STREET (730 E) TO LITTLE VALLEY ROAD (860 E)		1,890						
01301		"G" STREET (500 E) - THIRTEENTH AVENUE (650 N) TO FOURTEENTH AVENUE (700 N)		333						
01301		11TH AVENUE (550 N) - "B" STREET TO "D" STREET		825						
01301		MACINTOSH LANE (7335 S) - WINESAP ROAD (7330 S) TO RACQUET CLUB DRIVE (3665 E)		1750						
01301		WATERMILL WAY (3230 E) - HOLLY HOCK HILL (7180 S) TO END OF WATERMILL CIRCLE		690						
01301		2930 EAST/2955 EAST - FORT UNION BOULEVARD (7000 S) TO 7230 SOUTH		1530						
01301		JONATHON DRIVE (7310 S) - PIPPIN DRIVE (3570 E) TO WINESAP ROAD (7330 S)		770						
01301		HOLLY HOCK AVENUE (7180 S) - SAGEBRUSH WAY (3165 E) TO WATERMILL WAY (3230 E)		570						
01301		SUNDRIFT CIRCLE (7230 S) - 2890 EAST TO END OF THE CIRCLE		800						
01301		3050 EAST - FORT UNION BOULEVARD (7000 S) TO 7070 SOUTH		380						
01301		NUTMEG STREET (7145 S) - NUTREE DRIVE (3325 E) TO PINE CONE STREET (3250 E)		445						
				14,308						
01301		DEARBORN STREET (1480 E) - PARKWAY AVENUE (2455 S) TO STRATFORD AVENUE (2560 S)		1,020						
01301		BEVERLY STREET (1380 E) - STRATFORD AVENUE (2560 E) TO 2700 SOUTH		1,020						
01301		CHADWICK STREET (1420 E) - PARKWAY AVENUE (2455 S) TO STRATFORD AVENUE (2560 S)		1,010						
01301		APOLLO DRIVE (4135 S)/4100 SOUTH - WASATCH BOULEVARD (3565 E) TO JUPITER DRIVE (3735 E)		1380						
01301		4135 SOUTH/SHANNA STREET - 2700 EAST TO 4140 SOUTH		1200						
01301		OLYMPUS DRIVE (4155 S) - CORAL STREET (2600 E) TO 2700 EAST		660						
01301		ACHILLES DRIVE (3565 E) - APOLLO DRIVE (4135 S) TO HERMES DRIVE (4175 S)		750						
01301		DIANA WAY (3535 E) - APOLLO DRIVE (4135 S) TO HERMES DRIVE (4175 S)		810						
01301		CUMMINGS ROAD (3450 S) - EL SERRITO DRIVE (3425 E) TO VIRGINIA STREET (3470 E)		495						
01301		VIRGINIA STREET (3470 E) - CUMMINGS ROAD (3450 S) TO MILLCREEK CANYON ROAD (3500 S)		690						
01301		MARS WAY (3610 E) - APOLLO DRIVE (4135 S) TO HERMES DRIVE (4175 S)		610						
01301		LAURELCREST STREET (3185 E) - CRAIG DRIVE (3840 S) TO UPLAND DRIVE (3760 S)		1100						
01301		3100 EAST - UPLAND DRIVE (3760 S) TO DEL MAR DRIVE (3825 S)		575						
01301		3075 EAST - 3900 SOUTH TO 3960 SOUTH		500						
01301		3960 SOUTH - 3030 EAST T 3075 EAST		320						
01301		3030 EAST - 3960 SOUTH TO THE END OF THE STREET		210						
01301		LISA DRIVE (3215 E) - DELSA DRIVE (3990 S) TO OLYMPIC WAY (3250 E)		960						
01301		OLYMPIC WAY (3250 E) - SPLENDER WAY (3315 E) TO HAMPTON COURT (4060 S)		610						
				13,920						
01301		VIRGINIA STREET (1345 E) - CRESTLINE CIRCLE (350 N) TO FIFTH AVENUE (250 N)		720						
01301		U OF U - 22" MSP IN FRONT OF OSBORNE HALL NORTH THROUGH PARKING LOT		400						
01301		WANDA WAY (4475 S) - PEACH STREET (2810 E) TO THE END OF THE STREET		1520						
01301		APPLE BLOSSOM LANE - 2760 EAST TO PEACH STREET ) 2810 E		960						
01301		ENCHANTED HILLS DRIVE (7510 S) - MAGIC HILLS DRIVE (3450 E), WEST TO END OF THE MAIN		1700						
01301		MOUNTAIN ESTATES DRIVE (3355 E) - BENGAL BOULEVARD (7800 S) TO 7635 SOUTH		1100						
01301		7590 SOUTH - 3395 EAST TO 3500 EAST		710						
01301		COUNTRY MANOR ROAD (7620 S) - 3500 EAST TO COUNTRY HOLLOW DRIVE (7510 S)		1160						
01301		BISCAYNE DRIVE (2975 E) - BENGAL BOULEVARD (7800 S) TO OAKVIEW CIRCLE (7725 S)		620						
01301		AVONDALE DRIVE (3700 E) - 7650 SOUTH TO APPROX. 3623 EAST (END OF EXTENSION)		890						
01301		EASTCLIFF DRIVE (4395 S) - FORTUNA DRIVE (4725 S) TO CREST OAK DRIVE (3680 E)		510						
01301		CREST OAK DRIVE (3680 E) - BROCKBANK DRIVE (4435 S) TO EAST CLIFF DRIVE (4395 S)		650						
01301		PIN OAK (3680 E) - OAKVIEW DRIVE (4275 S) TO SPRUCE DRIVE (4360 S)		610						
01301		PARK HILL DRIVE (3565 E) - EASTOAKS DRIVE (4450 S) TO FORTUNA WAY (4725 S)		380						
01301		FORTUNA WAY (4725 S) - PARK HILL DRIVE (3565 E) TO BROCKBANK DRIVE (3560 E)		1210						
01301				13,140						

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01301		FOOTHILL DRIVE (2100 E) - 900 SOUTH TO 1300 SOUTH		700						
01301		EVERGREEN AVENUE (3435 S) - 3170 EAST TO 2890 EAST		1750						
01301		3175 EAST - 3300 SOUTH TO CELESTE WAY (3370 S)		540						
01301		CELESTE WAY (3370 S) - 3175 EAST TO EVERGREEN AVENUE (3435 S)		1020						
01301		DEL VERDE AVENUE (3410 S) - TERRACE VIEW DRIVE TO EVERGREEN AVENUE (3435 S)		475						
01301		3170 EAST - EVERGREEN AVENUE (3435 S) TO MILLCREEK CANYON ROAD (3500 S)		835						
01301		3125 EAST - EVERGREEN AVENUE (3435 S) TO END OF THE STREET		540						
01301		BARBEY DRIVE (2800 S) - 2570 EAST TO 2700 EAST		1030						
01301		WAINWRIGHT ROAD (2805 E) - BARBEY DRIVE (2800 S) TO 2900 SOUTH		960						
01301		DEVEREAUX WAY (2550 E) - WAINWRIGHT ROAD (2805 S) TO 2900 SOUTH		790						
01301		2570 EAST - HERITAGE WAY (2760 S) TO BARBEY DRIVE (2800 S)		300						
01301		2900 SOUTH - DEVEREAUX WAY (2550 E) TO 2700 EAST		720						
01301		2880 SOUTH - 2870 EAST TO APPROX. 2730 EAST/SOUTH TO LOUISE AVENUE (2020 S)		1250						
01301		2960/2965 SOUTH - 2790 EAST TO GRACE STREET (3100 E)		2100						
01301		CANYON VIEW DRIVE (3040 S)/3005 SOUTH - 2700 EAST TO 2900 EAST		1600						
				14,690						
01301		200 EAST - 400 SOUTH TO 500 SOUTH (EAST SIDE)		665						
01301		MICHIGAN AVENUE (980 S) - 1300 EAST TO 1500 EAST		1,635						
01301		ZENITH AVENUE (2910 S) - 800 EAST TO 900 EAST		760						
01301		HIDDEN OAKS DRIVE (3370 E) - RUSSELL PARK DRIVE (8850 S) NORTH TO THE EN OF THE STREET		1260						
01301		GRAND OAK DRIVE (3485 E) - RUSSELL PARK ROAD (8850 S) TO APPROX. 8715 SOUTH		810						
01301		SUPERNAL WAY (3615 E) - TOP OF THE WORLD DRIVE (3675 E) TO LORA LEE CIRCLE (8340 S)		810						
01301		2500 EAST - CHALET ROAD (8030 S) TO 8200 SOUTH		1340						
01301		CREEK ROAD (8200 S) - 2500 EAST TO ROYAL LANE (2400 E)		620						
01301				7,900						
		<b>MASTER PLAN PROJECTS</b>								
01301		5600 WEST - 1200 SOUTH TO 2100 SOUTH (36")		7,300						
01301		AIRPORT 24" LOOP - 2200 WEST TO 2300 NORTH, 2300 NORTH BACK TO AIRPORT (24")		25,000						
01301		1300 EAST - 4500 SOUTH TO 6400 SOUTH (12")		15,000					1,500,000	
01301		LOWER PARLEY'S CONDUIT - PARLEY'S WAY TO APPROX. 1300 SOUTH (SLIP EXISTING)	20%	17,000					3,400,000	
01301		ARTESIAN BASIN LINES - 3300 SOUTH TO 3900 SOUTH, MARCUS RES. TO ARTESIAN BASIN (REPLACE IN KIND)		20,000						3,000,000
01301		VICTORY ROAD LINES - PUMP STATION TO ENSIGN DOWNS (18")	20%	9,000						2,250,000
01301		UNIVERSITY LINE - FORT DOUGLAS TO TOMAHAWK DRIVE (16")		2,500						
01301		MILLCREEK TREATMENT PLANT LINE - TANK TO WASATCH BLVD (24")	100%	3,000						750,000
01301		2700 SOUTH - 13TH EAST TO PARK RESERVOIR (16")	10%	17,000						
01301		CITY CREEK TREATMENT LINE TO MORRIS RESERVOIR (12" OR 18" MATCH EXISTING)		2,000						
01301		NORTH BENCH LINE TO PARRY'S HOLLOW (12")		4,000						
01301	513301788	900 EAST - 5280 SOUTH TO 5600 SOUTH	20%	2,210						
01301	513301823	5600 SOUTH - 850 EAST TO 900 EAST	20%	440						
01301		HIGHLAND DRIVE - 3300 SOUTH TO 4500 SOUTH		10,000						
01301		1300 EAST - VINE STREET (6085 S) TO 6400 SOUTH	20%	3,100						
01301	513504852	NORTH BENCH SUPPLY TO UNIVERSITY OF UTAH		2,000						
01301	513504851	ENSIGN TANKS TO MORRIS RESERVOIR		2,000						
01301	513301529	300 EAST - 3300 SOUTH TO 3900 SOUTH		4,840						
01301		PARLEYS LOWER CONDUIT - 2100 TO 100 SOUTH								
01301		UPGRADE SYSTEM FOR FIRE PROTECTION - MILLCREEK	20%	BOND		3,100,000				
01301		UPGRADE SYSTEM FOR FIRE PROTECTION - GREEN DITCH & BIG COTTONWOOD	20%							
01301		VARIOUS WATER LINES						3,000,000	3,000,000	3,000,000
					6,383,246	3,100,000	2,482,450	3,000,000	7,900,000	9,000,000
		<b>TOTAL DISTRIBUTION MAINS &amp; HYDRANTS</b>			7,783,246	4,690,000	3,732,450	4,390,000	9,540,000	10,640,000
		<b>WATER SERVICE CONNECTIONS - 2730.09</b>								
02201	51390014	LARGE METER REPLACEMENTS			400,000	400,000	400,000	400,000	400,000	400,000
01701	51390015	SERVICE LINE REPLACEMENTS			900,000	900,000	900,000	900,000	1,500,000	1,500,000
02401	51390016	SMALL METER PROGRAM			300,000	350,000	350,000	350,000	350,000	350,000
03301	51390017	NEW SERVICE CONNECTIONS			200,000	200,000	200,000	200,000	200,000	200,000
01701	51390018	SERVICE LINE CONNECTION UPGRADES								
03201	51390020	WATER METER REPLACEMENT PROGRAM			1,800,000	1,000,000	250,000			6 OF 10

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					3,600,000	2,350,000	2,100,000	1,850,000	2,450,000	2,450,000
		<b>LANDSCAPING - 2730.20</b>								
03201		DAY RIVERSIDE DETENTION CONSERVATION IMPROVEMENTS				25,000				
03201		LANDSCAPING AROUND PUMP STATIONS DUE TO IMPLEMENTATION OF FLORIDATION			350,000					
02201		ASPHALT SHOP YARD						170,000		
02201		ASPHALT EMPLOYEE PARKING LOT							100,000	
00801		ASPHALT PARLEYS PARKING LOT				30,000				
03201		ADMINISTRATION BUILDING - CONSERVATION IMPROVEMENTS				60,000				
					350,000	105,000	0	170,000	100,000	0
		<b>TOTAL CAPITAL IMPROVEMENTS</b>			18,089,246	12,515,000	8,272,450	11,298,000	38,735,000	17,185,000
				REPLACEMENT VEHICLE						
	2750.10	<b>AUTOMOBILES &amp; TRUCKS</b>								
02301		VARIOUS								
02301		CARRYOVER VEHICLES							1,000,000	1,000,000
00101		3/4 TON EXT CAB 4X4 LONG BED	3043	96 FORD	381,000					
00101		1-TON CAB & CHASSIS W/DUMP BED				25,000				
00101		1-10 WHEEL DUMP TRUCK					50,000			
00101		1- 3/4 TON 4 WHEEL DRIVE PICKUP			110,000			42,000		
00101		1-3/4 TON PICKUP 2WD			25,000					
00101		1-ONE TON CAB & CHASSIS TRUCK			28,000					
00101		3-1/2 TON PICKUPS 4WD W/CLUB CAB					93,000			
00201		1- ONE TON 4x4 PICKUP			30,000					
00601		PICKUP TRUCK 4X4			60,000	80,000	40,000			
00901		TRUCK & SNOW BLADE	3014	96 CHEV		39,000				
01301		2-FULL SIZED TRUCKS			24,000	48,000	48,000			
01401		3/4 TON EXT CAB 4X4 LONG BED			114,000				135,000	
01401		UTILITY BODY FOR 3/4 TON LONG BED					20,000			
01401		3/4 TON 4X4 W/UTILITIES BED	3044	96 FORD		35,000				
01401		1 TON C&C W/UTILITY BED				28,000				
01401		1-TON CAB & CHASSIS W/DUMP BED	3035	95 CHEV		30,000				
01401		1-TON CAB & CHASSIS W/PTO	3065	98 CHEV		30,000				
01501		3/4 TON 4X4 W/UTILITIES BED			35,000	71,000				
01601		2-FULL SIZED TRUCKS		96 FORD	24,000	68,000	24,000			
01701		10 WHEEL DUMP TRUCK					300,000			
01701		2 1/2 TON V&H TRUCK W/SERVICE BODY			230,000	240,000	300,000			
01701		1 TON HD CAB & CHASSIS W/DUMP BED	3039	97 CHEV		35,500				
01701		1/2 TON 4X4 EXT CAB SHORT BED	3056	96 FORD		24,000				
01801		VEHICLES FOR SAMPLERS (2)				30,000				
02201		2 1/2 TON CAB & CHASSIS W/CONTRACTOR BODY & CEMENT MIXER			75,000					
02201		1 TON HD CAB & CHASSIS W/DUMP BED					45,000			
02201		1 TON HD CAB & CHASSIS W/SELF CONTAIN WELDER & BED					40,000			
02201		3/4 TON EXT CAB 4X4 SHORT BED W/SHELL					52,000			
02301		3/4 TON EXT CAB 4X4 SHORT BED W/FUEL TANK					20,000			
02401		1/2 TON 4X4 EXT CAB SHORT BED					30,000			
02401		1 TON W/UTILITY SERVICE BODY					45,000			
02401		1 TON W/UTILITY SERVICE BODY			35,000					
02401		1 TON HD CAB & CHASSIS W/SELF CONTAIN WELDER & BED					45,000			
02401		3/4 TON PICKUP TRUCK 4X4 W/UTILITY BED			30,000		35,000			
02401		1/2 TON PICKUP W/SHELL				25,800				
02501		UTILITY BEDS FOR TRUCKS (2)			12,000					
02501		3/4 TON 4x4 PICKUP W/ EXT CAB			53,000		35,000			
02601		1/2 TON PICKUPS	3036	97 CHEV S-10		24,000				
02601		1/2 TON PICKUPS	3037	98 CHEV S-10	26,000	24,000	48,000			
02801		1/2 TON FULL SIZE TRUCKS	3071	99 GMC	24,000	24,000	24,000			
					1,316,000	1,021,300	1,328,000	1,000,000	1,135,000	1,000,000
	2750.30	<b>FIELD MAINT EQUIPMENT - MOTIVE</b>								

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00101		D R MOWER						5,000		
00101		BACKHOE			5,000	5,000	5,000	5,000	5,000	5,000
00601		SNOWMOBILES				8,000	8,000			
00601		QUADRUNNER			8,000					
00801		1-BOAT FOR MT DELL AND LITTLE DELL			15,000					
01701		FRONT END LOADER					150,000		150,000	
01701		BACKHOE 4X4	3862	91 CAT	170,000	170,000		200,000		200,000
01701		BACKHOE EXCHANGE PROGRAM			30,000	30,000	30,000	30,000	30,000	30,000
					228,000	213,000	193,000	240,000	185,000	235,000
02501	2760.10	PUMP PLANT EQUIPMENT - WIP 2774.10					100,000	100,000	100,000	100,000
02501		ELECTRIC STARTER PANEL W/ VARIABLE SPEED								
02501		AIR COOLING UNIT - UPPER ELLISON WELL			7,000					
02501		AIR COOLING UNIT - 1300 EAST 2700 SOUTH WELL			7,000					
02501		MOTOR CONTROL CENTER - RESEARCH PARK PUMP STATION			45,000					
02501		MOTOR CONTROL CENTER - ARLINGTON HILLS PUMP STATION			45,000					
02501		AIR COOLING UNIT - 6200 SOUTH PUMP STATION			7,000					
02501		350 HP FREQUENCY DRIVE UNIT			7,000					
02501		DIAGONAL WELL MOTOR				7,000				
02501		UPPER ELLISON WELL MOTOR				50,000				
02501		LOWER BOUNDARY NEW VFD				17,000				
02501		MOT OLYMPUS SOFT START				6,000				
02501		VFD MOTOR STARTER - OAKHILLS PUMP STATION				32,000				
02501		ELECTRIC VALVE OPERATOR - BASKIN RESERVOIR				8,000				
02501		VFD MOTOR STARTER - BONNEVILLE PUMP STAT				16,000				
02501		NEW PUMP MOTOR - REPLACEMENT FOR #1 - 7800 SOUTH				20,000				
02501		NEW PUMP MOTOR - REPLACEMENT FOR #8 - 7800 SOUTH				20,000				
02501		NEW PUMP MOTOR CONTROL CENTER/ TRANSFORMER - 7800 SOUTH				80,000				
02501		BRINTON SPRINGS					38,000			
02501		RESEARCH PARK MOTOR CONTROL					40,000			
02501		ARLINGTON HILLS MOTER CONTROL					50,000			
02501		6200 SOUTH VFD					50,000			
02501		DYER'S INN WELL					27,000			
					118,000	258,000	305,000	100,000	100,000	100,000
00701	2760.20	TREATMENT PLANT EQUIPMENT - WIP 2774.10								
00701		VARIOUS					100,000	100,000	100,000	100,000
00801		CITY CREEK PUMP								
00801		PH & RESIDUAL ANALYZERS			15,000	15,000				
00801		TWO CATIONIC POLYMER FEEDERS								
00801		POLYMER FEEDERS FOR PLANT FILTERS								
00801		REPLACE PLANT SCADA AND OFFICE COMPUTERS								
00801		1720 D FINISH & FILTERS WATER TURBIDMETERS								
00801		POLYMER FEEDERS FOR FILTERS			13,000	13,000				
00801		BRYNEER BRINE TANK SYSTEM FOR HYPOCHLORITE GENERATION								
00801		TWO BOILERS FOR HEATING SYSTEM			80,000					
00801		ELEVATOR CONTROL PANEL								
00801		REPLACE PLANT PLC'S			100,000					
00801		BOATHOUSE WINCH					6,000			
00801		SECURITY CAMERA					3,500			
00801		PARTICLE COUNTER SCADA INTERFACE CARDS					4,000			
00801		SOLOR BEE					45,000			
00901		PH & RESIDUAL ANALYZERS			15,000	15,000				
00901		FLOC DRIVE CHAIN			20,000	20,000				
00901		INSTRUMENTATION MAINTENANCE			5,000					
00901		DR 4000 SPECTROPHOTOMETER					6,000			
00901		REPLACE CHEMICAL STORAGE LEVEL SENSORS					7,000			
00901		PARTICLE COUNTER SCADA INTERFACE CARDS					5,000			

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00901		FLASH MIXER			7,000					
00901		REPLACE FILE SERVER COMPUTER								
00901		HACH FILTER TRAC 660 LASER TURBIDMETER								
00901		STREAMING CURRENT MONITOR			10,000					
01801		WATERSHED MONITORING EQUIPMENT								
01801		PILOT PLANT OZONE MODULE				60,000				
01801		ADDITIONAL PILOT PLANT ONLINE MONITORS				11,000				
01801		DISTRIBUTION SAMPLING SITES			45,000					
					310,000	210,500	100,000	100,000	100,000	100,000
	2760.30	TELEMETRY EQUIPMENT								
01501		TELEMETRY IMPROVEMENTS			50,000	25,000	50,000	25,000	50,000	50,000
					50,000	25,000	50,000	25,000	50,000	50,000
	2760.50	OFFICE FURNITURE & EQUIPMENT								
03201		VARIOUS					50,000	50,000	50,000	50,000
00701		TELEPHONE SYSTEM					65,000			
01301		COPIER								15,000
01401		OFFICE FURNITURE				7,000				
01501		DIGITAL VIDEO RECORDER				10,000				
00801		UPGRADE SCADA SYSTEM - PARLEY'S			55,400					
01601		SCANNER				4,000				
02001		PHOTO COPIER				10,000				
02001		OFFICE FURNITURE								
02201		OFFICE FURNITURE			10,000					
02701		BILLING COMPUTER						100,000		
02901		COPIER			15,000				15,000	
03201		SOFTWARE UPGRADE				30,000		30,000		30,000
03201		TELEPHONE SYSTEM					100,000			
03201		SERVER UPGRADE				10,000				
03201		COPIER			11,000					
03201	51440002	NEW VOICE MAIL SYSTEM				80,000				
					91,400	151,000	215,000	180,000	65,000	95,000
	2760.90	OTHER NON-MOTIVE EQUIPMENT								
03201		VARIOUS				50,000	50,000	50,000	50,000	50,000
00101		D. R. MOWER			3,200					
00201		STREAM GAUGING AUTOMATION & CANYON METERS			15,000	15,000	15,000			
00801		BOAT HOUSE WINCH								
01401		SKID MOUNT COMPRESSOR			13,500					
01401		VALVE OPERATOR & POWER TAKE OFF			8,000					
01401		HYDRAULIC VALVE OPERATOR				9,500				
01401		SKID MOUNT COMPRESSOR				13,000				
01501		SECURITY CAMERA SYSTEM								
01501		BATTERY FOR UPS				8,000				
01501		RADIO UPGRADE			90,000	180,000	280,000			
01601		SIRVEY TRIMBLE DATA LOGGERS				11,200				
02101		COVER FOR VALVES								
02201		WELDER FOR SHOP			5,000					
02501		SPARE ELECTRIC MOTORS								
02501		AIR CONDITIONING COMPRESSORS W/HEAT EXCHANGERS & CONTROL			28,000					
02501		OVERHEAD DOORS FOR V&H BARN			21,000					
02501		MAIN POWER DISCONNECT - TRANSFER SWITCH FOR SHOPS			17,000					
02501		REPLACE OVERHEAD DOORS -SHOPS								
02601		HANDHELD METER READING DEVICES			65,000					
03001		PORTACOUNT RESPIRATOR			10,000					

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					2004-05	2005-06	2006-07	2007-2008	2008-2009	2009-2010
03001		MISCELLANEOUS IHC SAFETY			10,000					
					285,700	286,700	345,000	50,000	50,000	50,000
		<b>TOTAL CAPITAL OUTLAY</b>			2,399,100	2,165,500	2,536,000	1,695,000	1,695,000	1,630,000
		<b>TOTAL CAPITAL</b>			18,488,346	19,690,500	10,808,450	12,983,000	40,420,000	18,815,000



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APPROPRIATION COST CENTER	ACTUAL FISCAL YEAR 1996-97	ACTUAL FISCAL YEAR 1997-98	ACTUAL FISCAL YEAR 1998-99	ACTUAL FISCAL YEAR 1999-2000	ACTUAL FISCAL YEAR 2000-2001	ACTUAL FISCAL YEAR 2001-2002	ACTUAL FISCAL YEAR 2002-2003	ACTUAL FISCAL YEAR 2003-2004	BUDGETED FISCAL YEAR 2004-2005	ESTIMATED FISCAL YEAR 2004-2005	REQUESTED FISCAL YEAR 2005-2006
<b>5101 WATER SUPPLY</b>											
00100 CANAL MAINT	373,564	364,851	392,995	416,896	491,346	524,620	471,829	470,470	466,080	466,080	496,875
00200 SOURCE OF WTR	281,504	235,072	244,050	259,815	232,514	214,657	190,549	251,843	181,651	181,651	247,782
<b>TOTAL</b>	<b>655,068</b>	<b>599,923</b>	<b>637,045</b>	<b>676,711</b>	<b>723,860</b>	<b>739,277</b>	<b>662,378</b>	<b>722,313</b>	<b>647,731</b>	<b>647,731</b>	<b>744,657</b>
<b>5103 WTR PWR &amp; PMPNG</b>											
00300 DEEP WELLS	377,522	376,432	328,366	396,788	530,133	511,230	399,041	430,931	591,976	591,976	536,217
00400 BOOSTER PMPNG	810,657	858,103	738,598	894,089	922,600	1,012,920	854,182	1,010,533	1,078,783	1,078,783	1,083,705
00500 IRRGTON PMPNG	129,700	44,491	82,644	75,354	110,529	126,988	100,400	122,759	210,176	210,176	181,857
<b>TOTAL</b>	<b>1,317,879</b>	<b>1,279,026</b>	<b>1,149,606</b>	<b>1,366,231</b>	<b>1,563,262</b>	<b>1,651,138</b>	<b>1,353,623</b>	<b>1,564,223</b>	<b>1,880,935</b>	<b>1,880,935</b>	<b>1,801,779</b>
<b>00800 WTRSHD PATROL</b>	<b>495,767</b>	<b>592,558</b>	<b>670,335</b>	<b>782,105</b>	<b>770,099</b>	<b>955,019</b>	<b>977,577</b>	<b>938,602</b>	<b>1,181,244</b>	<b>1,181,244</b>	<b>1,140,206</b>
00700 CITY CREEK	556,333	574,205	606,877	604,041	621,303	708,627	670,385	696,652	705,209	705,209	731,525
00800 PARLEYS	782,857	843,205	884,420	927,188	822,991	848,087	874,796	918,600	971,272	971,272	1,005,300
00900 BIG COTTONWOOD	715,685	785,468	796,196	864,144	855,590	969,828	887,546	976,480	952,441	952,441	986,380
01000 CROSS CONNECTION-SAM	502,014	564,139	165,494	156,266	188,502	196,851	184,088	190,133	213,568	213,568	220,699
01100 METROPOLITAN WATER	3,787,719	3,623,635	3,944,185	5,023,641	5,347,419	7,648,517	7,211,405	7,478,362	10,485,946	10,485,946	14,682,892
01200 LITTLE DELL DAM	33,126	20,795	35,464	55,417	16,305	32,139	17,167	37,441	40,584	40,584	27,700
01800 WATER QUALITY	63,580	63,623	391,687	201,180	246,468	500,050	465,493	493,435	655,020	655,020	631,670
03500 LITTLE DELL RECREATION	0	0	0	0	85,102	101,503	76,106	99,160	108,255	108,255	103,856
<b>TOTAL</b>	<b>6,937,081</b>	<b>7,067,828</b>	<b>7,494,658</b>	<b>8,593,962</b>	<b>8,953,769</b>	<b>11,959,601</b>	<b>11,364,562</b>	<b>11,828,865</b>	<b>15,313,539</b>	<b>15,313,539</b>	<b>19,530,228</b>
<b>5107 TRANS &amp; DIST.</b>											
01300 ENGINEERING	794,207	880,344	750,138	787,624	864,951	644,069	515,972	526,135	536,504	536,504	577,363
01400 DISTRIBUTION	1,065,287	1,094,181	1,219,563	1,552,825	1,880,627	1,958,219	2,019,845	2,105,787	2,282,648	2,282,648	2,340,575
01500 COMPUTER	246,425	240,190	199,958	267,770	211,442	255,545	262,764	232,206	302,257	302,257	241,513
01600 EMRGNCY/ GIS in 2001	536,640	533,960	554,090	235,690	0	454,079	502,443	559,273	574,533	574,533	592,140
01700 MAINTENANCE	2,609,556	2,717,322	2,715,088	2,962,304	2,779,572	2,701,352	2,645,338	2,740,464	2,984,198	2,984,198	3,042,628
<b>TOTAL</b>	<b>5,252,116</b>	<b>5,465,997</b>	<b>5,438,835</b>	<b>5,806,213</b>	<b>5,736,592</b>	<b>6,013,264</b>	<b>5,946,362</b>	<b>6,163,865</b>	<b>6,680,140</b>	<b>6,680,140</b>	<b>6,794,219</b>
<b>5109 SHOPS &amp; MAINT</b>											
02000 WRK ORDR OFFICE	153,809	139,915	134,894	142,947	140,723	155,253	158,394	159,560	183,460	183,460	180,960
02100 STOREHOUSE	157,092	143,235	123,750	170,028	174,388	186,172	193,941	211,646	225,213	225,213	242,265
02200 GENERAL MAINT	365,271	444,841	390,834	359,316	538,179	408,341	434,137	458,262	518,653	518,653	520,343
02300 FLEET MAINT	353,565	297,344	308,131	209,249	214,397	105,609	183,061	417,027	445,704	445,704	470,650
02400 METER REPAIR	244,362	270,934	277,550	277,385	305,990	331,393	486,158	474,049	441,216	441,216	499,527
02500 ELECT & TELMTRY	378,210	395,127	407,163	382,870	370,850	354,465	365,035	385,126	356,365	356,365	364,239
03000 SAFETY PROGRAM	0	0	73,869	0	148,387	327,939	178,079	155,154	197,529	197,529	186,342
<b>TOTAL</b>	<b>1,652,309</b>	<b>1,691,196</b>	<b>1,716,191</b>	<b>1,541,795</b>	<b>1,892,914</b>	<b>1,869,172</b>	<b>1,998,805</b>	<b>2,260,824</b>	<b>2,368,140</b>	<b>2,368,140</b>	<b>2,474,326</b>

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<b>5111 WTR CUSTOMER SERV</b>											
02600 METER READING	531,690	565,423	614,797	610,513	602,536	704,266	681,759	732,896	858,698	858,698	898,238
02700 BILLING	1,031,295	1,018,034	1,032,790	1,066,359	1,044,409	1,157,834	1,121,186	1,137,463	1,191,205	1,191,205	1,209,676
02800 CUSTOMER SERV	620,640	660,186	709,240	758,704	836,268	878,856	968,000	973,777	1,012,708	1,012,708	1,061,014
02900 ACCOUNTING	455,866	479,840	486,439	490,409	453,715	532,740	545,028	492,427	511,531	511,531	515,907
<b>TOTAL</b>	<b>2,639,311</b>	<b>2,723,483</b>	<b>2,843,256</b>	<b>2,925,985</b>	<b>2,936,928</b>	<b>3,273,696</b>	<b>3,315,973</b>	<b>3,336,553</b>	<b>3,574,142</b>	<b>3,574,142</b>	<b>3,684,835</b>
<b>5113 WATER ADMIN</b>											
03100 ADMINISTRATION	84,036	86,946	91,401	95,269	96,083	99,695	104,000	105,449	111,170	111,170	108,980
03200 GNRAL OPRIONS	1,494,485	1,491,808	1,415,996	1,621,356	1,403,784	1,482,472	1,768,309	1,515,626	1,745,367	1,745,367	1,724,743
03300 CNTRCTS & CONST	321,541	286,892	182,818	199,787	299,411	322,915	327,672	349,906	339,521	339,521	346,178
03400 DEVELOPMENT & REVIEW	0	0	200,314	230,601	241,054	248,037	235,597	236,654	238,736	238,736	237,896
92090 OLYMPIC COSTS	0	0	0	0	0	89,850	0	0	0	0	0
03600 WATER CONSERVATION	0	0	0	0	0	0	0	124,715	170,839	170,839	174,927
<b>TOTAL</b>	<b>1,900,062</b>	<b>1,867,646</b>	<b>1,890,519</b>	<b>2,147,213</b>	<b>2,040,332</b>	<b>2,242,989</b>	<b>2,435,778</b>	<b>2,332,550</b>	<b>2,605,633</b>	<b>2,605,633</b>	<b>2,592,724</b>
<b>OTHER OPERATING EXPENSES</b>											
2921.01 CONTR TO GENERAL FUN	464,753	548,306	472,478	540,986	471,437	497,408	530,721	602,565	660,000	660,000	660,000
2995 PMNT IN LIEU OF TAXES	136,051	168,470	128,010	133,631	245,864	398,111	424,798	341,872	294,500	294,500	423,900
2542 UNCOLLECTABLE ACCTS	47,770	0	119,877	72,347	66,582	84,064	112,922	650	0	0	0
<b>TOTAL</b>	<b>648,574</b>	<b>716,776</b>	<b>720,365</b>	<b>746,964</b>	<b>783,883</b>	<b>979,583</b>	<b>1,068,441</b>	<b>945,087</b>	<b>954,500</b>	<b>954,500</b>	<b>1,083,900</b>
<b>GRAND TOTAL</b>	<b>21,002,398</b>	<b>21,411,675</b>	<b>21,890,475</b>	<b>23,805,074</b>	<b>24,631,540</b>	<b>28,728,700</b>	<b>28,145,922</b>	<b>29,154,280</b>	<b>34,024,760</b>	<b>34,024,760</b>	<b>38,706,668</b>
<b>2700 CAPITAL EXPENDITURES</b>	<b>11,147,286</b>	<b>12,663,193</b>	<b>11,782,677</b>	<b>14,072,832</b>	<b>10,438,702</b>	<b>16,229,964</b>	<b>12,163,699</b>	<b>15,412,005</b>	<b>22,601,961</b>	<b>18,488,346</b>	<b>19,390,300</b>
2545 DEPRECIATION EXPENSE	3,431,188	3,742,164	3,986,838	4,411,867	4,802,972	4,892,133	5,079,026	5,225,620			
2811 & 2821 DEBT SERVICE	3,640,134	4,541,819	4,614,252	4,591,010	4,528,598	4,717,326	4,669,866	4,724,822	4,737,748	4,737,748	2,620,000
<b>TOTAL EXPENSE</b>	<b>39,221,006</b>	<b>42,356,851</b>	<b>42,276,242</b>	<b>46,880,783</b>	<b>44,401,812</b>	<b>54,568,123</b>	<b>50,058,513</b>	<b>54,516,727</b>	<b>61,364,469</b>	<b>57,250,654</b>	<b>60,716,968</b>

**GROUP A SYSTEMS WATER RATE COMPARISON  
FROM 2004 RAFTELIS FINANCIAL CONSULTING GROUP  
WATER RATE SURVEY**

SYSTEM	RATE *
DELAWARE COUNTY, PA	\$ 119.14
BRIDGEPORT, CT	\$ 96.14
SEATTLE, WA - JUN TO SEP	\$ 88.85
LAUREL, MD	\$ 84.42
CONTRA COSTA, CA	\$ 81.92
NEW ROCHELLE, NY	\$ 75.17
AUSTIN, TX - JUL TO OCT	\$ 73.96
AUSTIN, TX - NOV TO JUN	\$ 69.02
LOS ANGELES, CA	\$ 64.86
NASHVILLE, TN	\$ 63.36
SAN DIEGO, CA	\$ 60.80
KANSAS CITY, MO	\$ 59.64
RICHMOND, VA	\$ 58.64
PORTLAND, OR	\$ 57.56
HOUSTON, TX	\$ 57.13
BIRMINGHAM, AL	\$ 57.08
SEATTLE, WA - OCT TO MAY	\$ 57.05
SAN ANTONIO, TX	\$ 56.09
FORT WORTH, TX	\$ 53.35
<b>GROUP A SYSTEMS AVERAGE</b>	<b>\$ 52.57</b>
MIAMI, FL	\$ 52.42
RIVERSIDE COUNTY, CA	\$ 51.37
TUCSON, AZ	\$ 50.65
ALBUQUERQUE, NM	\$ 49.88
PHILADELPHIA, PA	\$ 49.84
CLEVELAND, OH	\$ 49.06
SAN FRANCISCO, CA	\$ 48.70
LOUISVILLE, MO	\$ 47.77
HONOLULU, HI	\$ 47.29
COLUMBUS, OH	\$ 46.32
PHOENIX, AZ - JUN TO SEP	\$ 46.26
OKLAHOMA CITY, OK	\$ 44.87
EL PASO, TX	\$ 44.13
TULSA, OK	\$ 42.90
CHARLOTTE, NC	\$ 42.05
NEW YORK, NY	\$ 40.50
MILWAUKEE, WI	\$ 40.22
CINCINNATI, OH	\$ 39.93
DENVER, CO - MAY TO OCT	\$ 39.67
PHOENIX, AZ - OCT TO MAY	\$ 38.70
SUFFOLK COUNTY, NY	\$ 34.66
ORLANDO, FL	\$ 33.80
DALLAS, TX	\$ 33.75
DENVER, CO - NOV TO APR	\$ 33.61
SALT LAKE CITY, UT - APR TO OCT	\$ 32.16
OMAHA, NE - MAY TO SEP	\$ 30.24
SALT LAKE CITY, UT - NOV TO MAR	\$ 27.22
SACRAMENTO, CA	\$ 23.76
OMAHA, NE - OCT TO APR	\$ 23.34

\* Nonmanufacturing/Commercial based on 3,000 Cubic Feet (22,440 Gallons) Monthly.

**SEWER UTILITY  
ENTERPRISE FUND  
BUDGET SUMMARY  
FY 2006-08**

<b>SOURCES</b>	ACTUAL 2003-04	AMENDED BUDGET 2004-05	PROJECTED ACTUAL 2004-05	PROPOSED BUDGET 2005-06	FORECAST BUDGET 2006-07	FORECAST BUDGET 2007-08
<b>REVENUES</b>						
METERED SALES	\$14,414,196	\$17,018,344	\$14,700,000	\$15,729,000	\$15,729,000	\$15,729,000
INTEREST INCOME	155,584	450,000	450,000	300,000	200,000	100,000
OTHER REVENUES	210,709	242,000	242,000	242,000	242,000	242,000
<b>TOTAL REVENUES</b>	<b>14,780,489</b>	<b>17,710,344</b>	<b>15,392,000</b>	<b>16,271,000</b>	<b>16,171,000</b>	<b>16,071,000</b>
<b>OTHER SOURCES</b>						
IMPACT FEES	487,310	325,000	325,000	400,000	400,000	350,000
GRANTS & OTHER RELATED REVENUES	1,681,585	500,000	500,000	500,000	500,000	500,000
OTHER SOURCES	(4,607)	10,000	10,000	10,000	10,000	10,000
BOND PROCEEDS	25,115,815	0	0	0	0	0
<b>TOTAL OTHER SOURCES</b>	<b>27,280,103</b>	<b>835,000</b>	<b>835,000</b>	<b>910,000</b>	<b>910,000</b>	<b>860,000</b>
<b>TOTAL SOURCES</b>	<b>\$42,060,592</b>	<b>\$18,545,344</b>	<b>\$16,227,000</b>	<b>\$17,181,000</b>	<b>\$17,081,000</b>	<b>\$16,931,000</b>
<b>EXPENSES &amp; OTHER USES</b>						
<b>EXPENDITURES</b>						
PERSONAL SERVICES	\$5,558,590	\$5,972,250	\$5,972,250	\$6,149,932	\$6,334,430	\$6,524,463
OPERATING & MAINTENANCE	905,020	1,368,934	1,368,934	1,376,875	1,404,413	1,432,497
TRAVEL & TRAINING	18,872	44,110	44,110	42,418	43,266	44,129
UTILITIES	626,427	742,738	742,738	632,701	645,355	658,261
PROF & CONTRACT SERVICES	1,188,618	1,122,185	1,122,185	1,210,500	1,234,710	1,259,404
DATA PROCESSING	130,923	136,920	136,920	142,000	144,840	147,737
FLEET MAINTENANCE	217,224	220,057	220,057	224,880	229,378	233,965
ADMINISTRATIVE SERVICE FEE	134,745	140,000	140,000	140,000	142,800	145,656
PAYMENT IN LIEU OF TAXES	284,111	316,400	316,400	306,000	312,120	318,362
OTHER CHARGES AND SERVICES	(679,642)	(391,768)	(391,768)	(522,605)	(533,057)	(543,723)
<b>TOTAL EXPENDITURES</b>	<b>8,384,888</b>	<b>9,671,826</b>	<b>9,671,826</b>	<b>9,702,701</b>	<b>9,958,254</b>	<b>10,220,751</b>
<b>OTHER USES</b>						
CAPITAL OUTLAY	291,804	1,068,000	1,058,495	1,386,600	983,800	1,029,700
CAPITAL IMPROVEMENT BUDGET	10,563,300	31,074,000	19,722,400	18,675,000	5,870,000	5,861,000
DEBT SERVICES	1,265,304	2,334,450	2,334,450	1,935,000	1,935,000	1,935,000
<b>TOTAL OTHER USES</b>	<b>12,120,408</b>	<b>34,476,450</b>	<b>23,115,345</b>	<b>21,996,600</b>	<b>8,788,800</b>	<b>8,825,700</b>
<b>TOTAL USES</b>	<b>\$20,505,296</b>	<b>\$44,148,276</b>	<b>\$32,787,171</b>	<b>\$31,699,301</b>	<b>\$18,747,054</b>	<b>\$19,046,451</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>						
	\$21,555,296	(\$25,602,932)	(\$16,560,171)	(\$14,518,301)	(\$1,666,054)	(\$2,115,451)
<b>OPERATING CASH BALANCES</b>						
BEGINNING JULY 1	18,332,491	39,887,787	39,887,787	23,327,616	8,809,315	7,143,261
ENDING JUNE 30	39,887,787	14,284,855	23,327,616	8,809,315	7,143,261	5,027,810
Cash Reserve Ratio			241%	91%	72%	49%

Operating cash balance is defined as total cash less restricted amounts for bond covenants and outstanding accounts payable.

WER TY  
CASH FLOW

	ACTUAL YEAR 2000-2001	ACTUAL YEAR 2001-2002	ACTUAL YEAR 2002-2003	ACTUAL YEAR 2003-2004	CURRENT YEAR 2004-2005	BUDGET YEAR 2005-2006	BUDGET YEAR 2006-2007	BUDGET YEAR 2007-2008	BUDGET YEAR 2008-2009	BUDGET YEAR 2009-2010
SEWER SALES	11,569,342	13,988,645	14,152,370	14,414,196	14,700,000	15,729,000	15,729,000	15,729,000	15,729,000	15,729,000
OTHER INCOME	569,449	270,562	241,368	155,584	242,000	242,000	242,000	242,000	242,000	242,000
INTEREST INCOME	694,634	498,432	269,145	210,709	450,000	300,000	200,000	100,000	100,000	100,000
OPERATING INCOME	12,833,425	14,757,639	14,662,883	14,780,489	15,392,000	16,271,000	16,171,000	16,071,000	16,071,000	16,071,000
OPERATING EXPENSES	(8,494,179)	(8,121,954)	(7,858,260)	(8,384,888)	(9,671,826)	(9,702,701)	(9,958,254)	(10,220,751)	(10,490,412)	(10,767,415)
NET INCOME EXCLUDING DEP.	4,339,246	6,635,685	6,804,623	6,395,601	5,720,174	6,568,299	6,212,746	5,850,249	5,580,588	5,303,585
IMPACT FEES	788,638	758,657	283,989	487,310	325,000	400,000	400,000	350,000	350,000	350,000
OTHER RECEIPTS/ BOND PROCEEDS	0	0	0	25,115,815	0	0	0	0	0	0
OTHER CONTRIBUTIONS	1,587,818	440,973	2,858,541	1,676,978	510,000	510,000	510,000	510,000	510,000	510,000
CAPITAL OUTLAY	(757,328)	(919,193)	(693,629)	(291,804)	(1,058,495)	(1,386,600)	(983,800)	(1,029,700)	(1,085,500)	(1,043,000)
DEBT SERVICE	(557,981)	(449,981)	(501,944)	(1,265,304)	(2,334,450)	(1,935,000)	(1,935,000)	(1,935,000)	(1,935,000)	(1,935,000)
OTHER INCOME & EXPENSE	1,061,147	(169,544)	1,946,957	25,722,995	(2,557,945)	(2,411,600)	(2,008,800)	(2,104,700)	(2,160,500)	(2,118,000)
AVAILABLE FOR CAPITAL	5,400,393	6,466,141	8,751,580	32,118,596	3,162,229	4,156,699	4,203,946	3,745,549	3,420,088	3,185,585
CAPITAL IMPROVEMENTS	(4,148,352)	(6,691,664)	(7,197,526)	(10,563,300)	(19,722,400)	(18,675,000)	(5,870,000)	(5,861,000)	(5,815,000)	(3,218,000)
CASH INCREASE/(DECREASE)	1,257,041	(225,523)	1,554,054	21,555,296	(16,560,171)	(14,518,301)	(1,666,054)	(2,115,451)	(2,394,912)	(29,415)
BEGINNING CASH BALANCE	15,746,919	17,003,960	16,778,437	18,332,491	39,887,787	23,327,616	8,809,315	7,143,261	5,027,810	2,632,898
CASH INCREASE/(DECREASE)	1,257,041	(225,523)	1,554,054	21,555,296	(16,560,171)	(14,518,301)	(1,666,054)	(2,115,451)	(2,394,912)	(29,415)
ENDING BALANCES	17,003,960	16,778,437	18,332,491	39,887,787	23,327,616	8,809,315	7,143,261	5,027,810	2,632,898	2,603,483
			Note*	Note*						
RATE CHANGE	12.50%	9.00%	9.00%	9.00%	9.00%	7.00%	0.00%	0.00%	0.00%	0.00%
ANNUAL RESIDENTIAL SEWER BILL (1990=\$76.80)	86.40	94.18	102.65	111.89	121.96	130.50	130.50	130.50	130.50	130.50
Cash Reserve Ratio	200%	207%	233%	476%	241%	91%	72%	49%	25%	24%
Impact Fee per ERU	500	500	500	500	500	500	500	500	500	500
Number of ERU connections	1,577	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Debt Service Coverage	7.78	14.75	13.56	5.05	2.45	3.39	3.21	3.02	2.88	2.74
	note* cash increased \$1.3 million in 2003 and \$2,597,776 in 2004 as result of the oil drain project									
REVENUE CHANGE		20.911328%	1.170414%	1.850051%	1.982795%	7.000000%	0.000000%	0.000000%	0.000000%	0.000000%

Salt Lake City Corporation  
Department of Public Utilities  
**SANITARY SEWER CAPITAL IMPROVEMENT PROJECTS**  
SIX YEAR PROPOSAL  
2005 thru 2010

Last Update  
2/11/2005

CENTER	PROJECT NUMBER	DESCRIPTION	FEET OF PIPE	BUDGET 2004-2005	FISCAL YR 2005-2006	FISCAL YR 2006-2007	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009-2010
	<b>2710.10</b>	<b>LAND</b>							
12201		LAND (Bio Solid Land Application)			1,000,000				
				0	1,000,000	0	0	0	0
	<b>2720.10</b>	<b>MAINTENANCE &amp; REPAIR SHOPS - WIP 52-11201-2772.10</b>							
11201	524905190	PLANT SECURITY SYSTEM			15,000	15,000	15,000	15,000	15,000
11201	524905204	ADMINISTRATION EXTENSION				125,000			
12201		DIGESTER ROOF			200,000				
12201		REPLACE NATURAL GAS LINE			600,000				
11101		NEW LAB & ENGINEERING BUILDING							
				0	815,000	140,000	15,000	15,000	15,000
	<b>2720</b>	<b>LIFT STATIONS - WIP 52-10101-2772.10</b>							
10101	53497742	NORTH COVE PUMP STATION - 355 EAST CANYON OAKS WAY (NEW PUMPS AND CONTROL PANEL)							
10101	5249744	FUEL FARM PUMP STATION - AIRPORT (COMPLETE UPGRADE) CARRY OVER PROJECT		70,000					
10101	52490732	4000 WEST PUMP STATION (S&L) - OBSERVATION DECK (NEW PUMPS IN SMITH AND LOVELESS STATION)		50,000					
10101		BONNEVILLE PUMP STATION - 2350 EAST SHIRECLIFF		15,000					
10101		INDUSTRIAL ROAD PUMP STATION - 1850 WEST INDUSTRIAL CIRCLE (COMPLETE UPGRADE)						300,000	
10101		PUMP STATION AT AIRPORT GATE #1 - AIRPORT (PUMPS AND CONTROL PANEL)				30,000			
10101		6TH NORTH PUMP STATION - 600 NORTH 4800 WEST					100,000		
10101		PUMP REPLACEMENT		50,000	50,000	50,000	50,000	50,000	50,000
				185,000	50,000	80,000	150,000	350,000	50,000
	<b>2720.30</b>	<b>TREATMENT PLANTS - WIP 52-10401-2772.10</b>							
11201	524905164	ODOR CONTROL			250,000	250,000			
11201		SEISMIC UPGRADE			100,000			100,000	100,000
11201	524905203	SECONDARY TREATMENT EXPANSION		11,400,000	13,000,000				
11201		CLARIFIER REBUILD		35,000	35,000	35,000	35,000	35,000	35,000
11201		CARBON REGENERATION			125,000		200,000	200,000	200,000
11201		PRIMARY CLAIRIFIER						2,000,000	
11201		UPGRAGE SCADA			75,000				
11201		CARBON REPLACEMENT							
11201	524905187	COGEN REHAB		400,000					
11201		COGEN - 3RD ENGINE						800,000	
11201	524905221	REBUILD VFD DRIVES		100,000					
11201		SECONDARY LINE REPLACEMENT			50,000		50,000		
11201		GAS HOLDING COVER							500,000
11201	524905197	ELECTRIC GATE ACTUATOR		50,000			50,000		
11201		MECHANICAL DEWATERING OR REUSE PROGRAM				3,000,000			
11201	524905184	ALTERNATIVE DISINFECTION SYSTEM AND C12 CONTACT EXPANSION		100,000			3,000,000		
11201	525002080	OIL DRAIN ALTERNATIVE		4,800,000					
				16,685,000	13,635,000	3,285,000	3,335,000	3,135,000	835,000
	<b>2730</b>	<b>COLLECTION LINES - WIP 5210401-2773.10</b>							
		<b>SPECIAL PROJECTS &amp; CED</b>							
10401	525001707	GLADIOLA STREET (2900 W) - 500 SOUTH TO 1820 SOUTH (PN 103007)	10,032		250,000				
		INTERMODAL HUB - 600 WEST 200 SOUTH			300,000				
		VARIOUS CED PROJECTS			200,000				

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**SIX YEAR PROPOSAL**  
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 2/11/2005

CENTER	PROJECT NUMBER	DESCRIPTION	FEET OF PIPE	BUDGET 2004-2005	FISCAL YR 2005-2006	FISCAL YR 2006-2007	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009-2010
			10,032	0	750,000	0	0	0	0
		<b>OTHER PROJECTS</b>							
10401		EMERGENCIES - MISC. LOCATIONS		100,000	100,000	100,000	100,000	100,000	100,000
10401		MISC. PUBLIC SERVICE PROJECTS		200,000	200,000	200,000	200,000	200,000	200,000
		CONTRIBUTIONS BY DEVELOPERS		500,000	500,000	500,000	500,000	500,000	500,000
				800,000	800,000	800,000	800,000	800,000	800,000
		<b>REPLACE VARIOUS COLLECTION LINES</b>							
10401	525001886	WATKIN'S MOTOR LINES		100					
10401	525001887	WATKIN'S MOTOR LINES		100					
10401	525001951	KERN RIVER GAS		100					
10401	525002075	300 SOUTH MAIN STREET TO 300 WEST		100					
10401	525002001	EASEMENT (NORTH OF OQUIRRH DRIVE) - BONNEVILLE DRIVE TO VISTA VIEW DRIVE (CIPP)	2,300	80,000					
10401	525002002	EASEMENT APPROX. MERCEDES WAY - OAKHURST DRIVE TO CRESTVIEW DRIVE (8" CIPP)	577	25,000					
10401	525002003	HERBERT AVENUE - 200 EAST TO 300 EAST (8" CIPP)	750	30,000					
10401	525002005	400 WEST - NORTH TEMPLE TO 200 SOUTH (EAST SIDE) (8" CIPP AND 100 LF 8" D&R)	1,700	110,000					
10401	525002007	PARLEYS WAY (NORTH SIDE) 2300 TO STRINGHAM AVE (INCOMPLETE VIDEO) COORDINATE WITH STRINGHAM AVE PRO	2,450	85,000					
10401	525002008	PARLEYS WAY (SOUTH SIDE) 2300 TO BRENTWOOD CIR EAST (BAD) 30 LF D&R (INCOMPLETE VIDEO)	2,000	70,000					
10401	525002010	EMERSON 400 TO 500 EAST (DO WITH EDITH AND HAMPTON)	750	30,000					
10401	525002011	STRINGHAM AVE PARLEYS WAY TO 2630 EAST	928	35,000					
10401	525002012	WYOMING ST 2100 SOUTH TO COMMONWEALTH AND ELM AVE TO PARLEYS WAY	788	30,000					
10401	525002013	300 NORTH - MAIN STREET TO 300 WEST (THIS PROJECT HAS BEEN MODIFIED TO ADDRESS THE CED PROJECT)	3,600	112,000					
10401	525002014	SOUTH TEMPLE - MAIN STREET TO STATE STREET 18" CIPP	1,200	85,000					
10401	525002015	SOUTH TEMPLE - MAIN STREET TO STATE ST (BOTH SIDES)	1,003	45,000					
10401	525002018	ALLEY @ 970 WEST 300 TO 400 SOUTH 780 LF 8" CIPP AND 500 TO 600 SOUTH (INCOMPLETE VIDEO)	1,600	60,000					
10401	525002019	LAIRD AVE 1700 TO 1800 EAST	800	32,000					
10401	525002020	600 WEST 300 TO 400 SOUTH 15" CIPP	710	40,000					
10401	525002025	STATE STREET - SOUTH TEMPLE (SO. EAST MH) TO APPROX. #70 NORTH (ON EAST SIDE)	560	25,000					
10401	525002026	STATE STREET - SOUTH TEMPLE (NO. WEST MH) TO NORTH TEMPLE (ON WEST SIDE)	800	35,000					
10401	525002027	400 WEST - 400 SOUTH TO 500 SOUTH (WEST SIDE) D&R 350 LF - CIPP 343 LF	700	120,000					
10401	525002112	EASEMENT DALE AVE REDWOOD DRIVE TO MONTGOMERY STREET (INCOMPLETE VIDEO) 8" CIPP	360	13,000					
10401	525002113	EASEMENT 2000 E - BROWNING TO ALDO CIRCLE 275 LF 8" CIPP	275	8,000					
10401	525002040	MICHIGAN AVE. 1300 TO FAIRVIEW AVE 8" CIPP	3,450	92,000					
10401		EASEMENT 1317 SOUTH MONTGOMERY TO STEWART ST 8" CIPP	565	20,000					
10401		EASEMENT MISSION ROAD (APPROX. 1370 WEST) CALIFORNIA TO 1300 SOUTH NO VIDEO 8" CIPP	360	16,000					
10401	525002116	EASEMENT GRAY AVE #31 EAST TO MAIN STREET 8" CIPP	310	13,000					
10401	525002117	EASEMENT BETWEEN QUINCE STREET AND WEST TEMPLE - 200 NORTH TO 300 NORTH (8" CIPP)	960	29,000					
10401	525002008	2300 EAST 2260 TO 2235 SOUTH D&R - BAD 8" CIPP	300	70,000					
10401	525001975	900 SOUTH 950 WEST TO STATE ST 8" CIPP	10,500	294,500					
10401		ALMOND STREET (40 W) - 200 NORTH TO APRICOT AVENUE (345 N) (ADD IN PROJECTS - CED RELATED)	1,300	40,000					
10401		WALL STREET (85 W) - ZANE (530 N) TO GIRARD (560 N) (ADD IN PROJECTS - CED RELATED)	332	11,000					
10401		VINE STREET (55 W) - 300 NORTH TO CENTER STREET	720	21,500					
10401		QUINCE STREET (140 W) - 200 NORTH TO 500 NORTH (ADD IN PROJECTS - CED RELATED)	2,000	60,000					
10401		SIMPSON AVENUE (2250 S) - WYOMING STREET (2460 E) TO BROADMOOR STREET (2660 E)	1,570	50,000					
			46,218	1,787,400					
10401	525002030	2600 EAST FOOTHILL TO 2100 SOUTH	500		20,000				
10401	525002031	1100 EAST 300 TO 400 SOUTH (CIPP) (WEST SIDE)	680		27,000				
10401	525002032	1100 EAST 200 TO 300 SOUTH (EAST AND WEST SIDE)	1,400		50,000				
10401	525002035	DONNER WAY 1015 S TO 940S 30 LF D&R	1,000		60,000				

**SANITARY SEWER CAPITAL IMPROVEMENT PROJECTS  
SIX YEAR PROPOSAL  
2005 thru 2010**

CENTER	PROJECT NUMBER	DESCRIPTION	FEET OF PIPE	BUDGET 2004-2005	FISCAL YR 2005-2006	FISCAL YR 2006-2007	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009-2010
10401	525002036	ATKIN AVE. 1900 TO 2000 TH EAST 70 LF D&R PLUS MANHOLE 800 LF 8" CIPP	800		55,000				
10401	525002038	HUBBARD AVENUE (935 SOUTH) - 1700 EAST TO 2000 EAST 8" CIPP	2,150		80,000				
10401	525002040	MICHIGAN AVE. 1300 TO 1400 EAST 8" CIPP	2,100		80,000				
10401	525002041	2300 EAST 2260 TO 2235 SOUTH D&R-	300		75,000				
10401	525002042	YALECREST 1700 EAST TO 1505 EAST	1,500		55,000				
10401	525002048	WILLIAMS AVE 300 TO 400 EAST NEED 10" CIPP AND 35' 10" D&R	700		42,000				
10401	525002050	DOWNINGTON AVE 1300 EAST TO 1440 EAST 8" CIPP	1,050		40,000				
10401	525002051	NORTH TEMPLE ORANGE STREET TO REDWOOD ROAD 1250 LF 15" CIPP	1,250		65,000				
10401	525002052	NORTH TEMPLE 2250 WEST TO 2242 WEST 10" CIPP	160		12,000				
10401	525002053	NORTH TEMPLE ORANGE STREET TO WEST OF 2250 WEST	3,010		140,000				
10401	525002056	ALDEN AVE 2445 TO 2535 SO. (10" CIPP)	700		32,000				
10401	525002058	STATE STREET 600 SOUTH TO 700 SOUTH (EAST AND WEST 8" AND 10" CIPP)	1,400		54,000				
		5TH AVE 385 E TO E ST CIPP	600		21,000				
		800 EAST HARRISON TO BROWNING AVE CIPP/REPAIR	325		37,000				
		FOOTHILL DR 1550 TO 1850 E 12" CIPP	1,000		41,000				
		1300 EAST 600 TO 700 SOUTH EAST SIDE 8" CIPP	680		25,000				
		1300 EAST 600 TO 700 SOUTH WEST SIDE 8" CIPP	700		26,000				
		EASEMENT 1649 WEST 300 TO 500 SOUTH 12" CIPP	1,600		66,000				
		200 EAST 600 TO 700 SOUTH EAST SIDE CIPP/REPAIR	830		43,000				
		1500 WEST 244 TO 295 SOUTH CIPP/REPAIR	700		37,000				
		500 N 600 TO 650 WEST NORTHSIDE CIPP/REPAIR	385		20,000				
		EASEMENT NORTH OF CALIFORNIA AVE MONTGOMERY TO 1490 WEST CIPP	565		17,000				
		SOUTH TEMPLE 205 EAST TO A ST CIPP	300		13,000				
		WALL ST ZANE TO 800 NORTH CIPP/REPAIR	340		20,000				
		HARVARD AVE STATE STREET TO 200 EAST	700		23,000				
		GREGORY PLACE 650 SOUTH STATE ST AND EASEMENT EAST OF STATE ST	410		15,000				
		VARIOUS PROJECTS			210,000				
			18,700		1,500,000				
10401	525002059	STATE STREET (BOTH SIDES) 500 SOUTH TO 1300 SOUTH 5150 LF 15" 1550 12" 2350 8" ALL CIPP	9,050			416,000			
10401	525002060	EASEMENT 750 SOUTH STATE ST TO 200 EAST CIPP	580			20,000			
10401	525002061	GREGORY PLACE 650 SO. STATE STREET AND EASEMENT EAST OF STATE STREET CIPP	410			15,000			
10401	525002062	WILLIAMS AVE STATE STREET TO 200 EAST 8" CIPP	700			30,000			
10401	525002063	HERBERT AVE STATE STREET TO 200 EAST	700			30,000			
10401	525002064	YALE AVE STATE STREET TO 200 EAST	700			30,000			
10401	525002065	HARVARD AVE STATE STREET TO 200 EAST	700			30,000			
10401	525002066	HAMPTON AVE STATE STREET TO 200 EAST	700			30,000			
10401	525002067	KELSEY AVE STATE STREET TO 200 EAST	700			30,000			
10401	525002068	EDITH AVE STATE STREET TO 200 EAST	700			30,000			
10401	525002069	STATE STREET (EAST AND WEST SIDES) 1300 SOUTH TO 1700 SOUTH 2300 LF 10" 3660 LF 12"	5,960			210,000			
10401	525002070	200 EAST 900 SOUTH TO 1300 SOUTH - 1700 LF 12" 830 LF 8" 350 LF 10" CIPP	3,000			110,000			
10401	525002071	300 EAST 900 SOUTH TO 1300 SOUTH 850 LF 10" 800 LF 12" 560 LF 8" 560 LF 15" CIPP	4,040			140,000			
10401	525002072	BELMONT AVE STATE STREET TO 300 EAST 15" CIPP	3,000			135,000			
10401	525002073	HUBBARD AVE 200 TO 300 EAST	750			29,000			
10401	525002074	STATE STREET (EAST AND WEST SIDES) 1700 SOUTH TO 2100 SOUTH 650 8" CIPP 4970 12" CIPP	5,620			215,000			
			37,310			1,500,000			
10401	525001946	400 SOUTH - 400 WEST TO 500 WEST, 500 WEST - 400 SOUTH TO 430 SOUTH (CIPP)					36,000		
		VARIOUS					1,500,000	1,500,000	1,500,000
			TOTAL	213,591					
					1,787,400	1,500,000	1,500,000	1,536,000	1,500,000
		<b>MASTER PLAN PROJECTS</b>							
10401	525001662	1300 WEST BETWEEN 300 NORTH & WWTP (THOMPSON-HYSELL ENGINEERING)	9,850	250,000					
10401		NORTH TEMPLE DIVERSION FROM ORANGE STREET /1200 WEST / BECK STREET							
			9,850	250,000					



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PROJECT CENTER	PROJECT NUMBER	DESCRIPTION	FEET OF PIPE	BUDGET 2004-2005	FISCAL YR 2005-2006	FISCAL YR 2006-2007	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009 - 2010
		<b>TOTAL COLLECTION LINES</b>		2,837,400	3,050,000	2,300,000	2,336,000	2,300,000	2,300,000
	2730.20	<b>LANDSCAPING - WIP 52-10401-2773.10</b>							
11201		ASPHALTING		15,000	25,000	15,000	25,000	15,000	15,000
11201		PLANT PAINTING			100,000	50,000			
				15,000	125,000	65,000	25,000	15,000	15,000
		<b>TOTAL CAPITAL IMPROVEMENTS</b>		19,722,400	18,675,000	5,870,000	5,861,000	5,815,000	3,215,000
	2750.10	<b>AUTOMOBILES &amp; TRUCKS</b>	REPLACEMENT VEHICLE						
10101		3/4 TON PICK UP 4X4			29,000			29,000	
10101		3/4 TON PICKUP 4X4 W/SERVICE BODY	33710		30,000				
10101		3/4 TON PICKUP 4X4 W/EXT CAB			31,000			31,000	
10401		FULL SIZED TRUCK				24,000	62,000		62,000
10601		2 TON BOBTAIL DUMP		60,000					
10601		3/4 4X4 PICKUP		58,000	60,000	60,000	30,000	60,000	60,000
11201		3/4 TON W/RACK			35,000	24,000		24,000	
11201		3/4 TON			35,000				
11201		1 1/2 TON TRUCK W/FLATBED				35,000		35,000	
11201		S-10 PICKUP		20,000					
11201		3/4 TON EXT. CAB W/SHELL/SHELVING/LIGHTBAR			35,000	35,000		35,000	35,000
11201		3/4 TON W/UTILITY BED		29,500				29,500	
11201		1/2 TON W/RACK		22,000				22,000	
12201		10 WHEEL DUMP (PUPS)		62,000					
12201		11 WHEEL DUMP (PUPS)		22,855					
12201		3/4 4X4 PICKUP			30,000				
12201		10 WHEEL DUMP		100,000			100,000		100,000
12401		3/4 TON WITH SHELL			35,000				
10601		10 WHEEL DUMP						100,000	
10601		2 1/2 TON W/CONTRACOTR BODY FOR CEMENT MIXER					80,000		
				374,355	320,000	178,000	272,000	365,500	257,000
	2750.30	<b>FIELD MAINTENANCE EQUIP.</b>							
10101		FORKLIFT					11,000		
10101		RIDER MOWER					90,000		
10601		BACKHOE						90,000	90,000
10601		VACTOR TRUCK						260,000	
10601		HIGH PRESSURE TRUCK			155,000				
10801		T V VAN					155,000		
11201		2 - GOLF CART REPLCAEMENTS			18,500		18,500		
11201		LOADER REPLACEMENT	3316		250,000				260,000
12201		BROWN BEAR				250,000			
10601		BACKHOE EXCHANGE		4,000	6,000	6,000	6,000	6,000	6,000
12201		CATCH BASIN TRUCK							
				4,000	429,500	256,000	280,500	356,000	356,000
	2760.20	<b>TREATMENT PLANT EQUIPMENT - WIP 2774.10</b>							
12201		THICKNER PUMP (2)		50,000	50,000				
12201		GAS BOOSTER COMPRESSOR (3)		37,500					
12201		UTILITY SECONDARY WATER PUMP		15,000					
12201		PRIMARY SLUDGE PUMPS (3)		60,000					

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12201		FILTER PUMP REBUILD			100,000				
12201		SMALL PUMP REPLACEMENT			50,000				
12201		UNDERDRAIN PUMPS (2)		37,000					
				199,500	200,000	200,000	200,000	200,000	200,000
	2760.30	TELEMETERING EQUIPMENT							
11201	524905149	TELEMETERING UPGRADE - REPLACE		10,000	10,000	10,000	10,000	10,000	10,000
				10,000	10,000	10,000	10,000	10,000	10,000
	2760.50	OFFICE FURNITURE & EQUIPMENT							
11101		COPIER / LAB			10,000				
11701		SOFTWARE			30,000		30,000		30,000
11901		SEWER MODLE		20,000					
12201		OPERATION WORK AREA EQUIPMENT			10,000	10,000			
11201		COPIER / MAINTENANCE		11,000					
11201		SERVER UPGRADE			10,000				
11201		UPGRADE CMMP SOFTWARE		100,000					
				131,000	60,000	10,000	30,000	0	30,000
	2760.90	OTHER NON-MOTIVE EQUIPMENT							
10101		60 KW GENERATOR		28,000		28,000			
10101		100 KW GENERATOR		30,640					
10101		SAFETY TRIIPOD							
10101		8" PUMP			30,000				30,000
10101		BUMPER CRANE			6,500				
10101		DSCHARGE HOSE 8"			7,800				
10401		COLOR LASER PRINTER							
10601		TOWALONG COMPRESSOR		13,000				14,000	
10601		SIDE DUMP CEMENT MIXERS		9,000	4,400				
10601		4" PUMP TRAILER MOUNTED		24,000	25,000				25,000
10601		HIGH PRESSURE HOSE			20,400		37,200		
10601		4' TRASH PUMP					26,000		
11101		ICP/MS				80,000			80,000
11101		IC/FIAS SYSTEM			80,000		80,000		
11101		TOC ANALYZER						80,000	
11101		TURBIMETER			10,000				
11101		AIR HANDLING/ELECTRICAL		25,000					25,000
11101		PH/ION ANALYZER OAIION						20,000	
11101		HYXANE EXTRACTION			15,000				
11101		(2) MIDI DISTILLATION APPARATUS					20,000		
11101		COLIFORM BATH INCUBATOR				10,000		10,000	
11101		TWO REFRIGERATORS			9,000		16,000		
11101		COD REACTOR							
11101		SPECTROPHOTOMER						10,000	10,000
11101		AUTOCLAVE			10,000				
11101		HOODS			50,000				
11101		BENCH TOP PH METER/ISE INSTURMENT			4,000				
11101		INCUBATOR - HOT AIR			50,000				
11901		ROBOTIC TOTAL STATION		30,000					
11901		MAPPING GRADE		5,000					
11201		MAINTENANCE STORAGE CABINETS				10,000	10,000		
11201		INST./ELEC. SHELVING RACK							

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				2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009 - 2010
11201		FLOW METER REPLACEMENTS / SAMPLER REPLACEMENT		10,000	10,000	10,000	10,000	10,000	10,000
11201		DRANETZ POWER ANALYZER			15,000				
11201		DIG LEVEL SENSORS		10,000		10,000			
11701		SERVER UPGRADE							
12201		STATIONARY SAMPLER W/ENCLOSURE			10,000	10,000	10,000	10,000	10,000
12201		CHLORINE SAFETY EQUIPMENT		10,000		10,000			
12201		PORTABLE SAMPLERS				10,000			
12201		SAMPLER ENCLOSURE				4,800			
12201		PHONE SYSTEM UPGRADE		100,000					
12201		RADIO SYSTEM UPGRADE		45,000		137,000			
12201		INTERCEPTOR REDOX PROBES				10,000			
12401		AUTO SAMPLERS			10,000				
				339,640	367,100	329,800	237,200	154,000	190,000
		<b>TOTAL CAPITAL OUTLAY</b>		1,058,495	1,386,600	983,800	1,029,700	1,085,500	1,043,000
		<b>GRAND TOTAL</b>		20,780,895	20,061,800	6,853,800	6,890,700	6,900,500	4,258,000
		CAPITAL OUTLAY		1,058,495	1,386,600	983,800	1,029,700	1,085,500	1,043,000
		CAPITAL IMPROVEMENTS		21,839,390	21,448,200	7,837,600	7,920,400	7,986,000	5,301,000

**GROUP B SYSTEMS SEWER RATE COMPARISON  
FROM 2004 RAFTELIS FINANCIAL CONSULTING GROUP  
SEWER RATE SURVEY**

SYSTEM	RATE *
SEATTLE, WA	\$ 55.31
ORANGE COUNTY, CA	\$ 37.67
RICHMOND, VA	\$ 36.18
PINELLAS COUNTY, FL	\$ 35.55
TACOMA, WA	\$ 33.74
MANATEE COUNTY, FL	\$ 32.51
FAYETTEVILLE, NC	\$ 32.38
GREENVILLE, SC	\$ 32.25
MOBILE, AL	\$ 30.95
ESCAMBIA COUNTY, FL	\$ 30.08
AKRON, OH	\$ 29.03
TALLAHASSEE, FL	\$ 28.45
DAYTON, OH	\$ 28.33
ANNE ARUNDEL COUNTY, MD	\$ 28.16
DURHAM, NC	\$ 27.80
HOLLYWOOD, FL	\$ 27.60
EVANSVILLE, NC	\$ 27.39
NAPERVILLE, IL	\$ 26.80
CHATTANOOGA, TN	\$ 26.52
BATON ROUGE, LA	\$ 25.24
BOISE, ID	\$ 24.67
AUGUSTA, GA	\$ 24.15
LAFAYETTE, LA	\$ 24.10
PLANO, TX	\$ 23.61
ORLANDO, FL	\$ 22.80
ARLINGTON, TX	\$ 22.55
RIVERSIDE, CA	\$ 21.97
ANCHORAGE, AK	\$ 21.83
GROUP B SYSTEMS AVERAGE	\$ 21.65
GREENSBORO, NC	\$ 21.00
CHESTERFIELD COUNTY, VA	\$ 20.61
GRAND RAPIDS, MI	\$ 20.26
ANN ARBOR, MI	\$ 20.25
HORRY COUNTY, SC	\$ 19.45
GARLAND, TX	\$ 19.29
OKLAHOMA CITY, OK	\$ 19.22
MIDWEST CITY, OK	\$ 19.15
ALBUQUERQUE, NM	\$ 19.10
ALLENTOWN, PA	\$ 18.87
PALM BEACH COUNTY, FL	\$ 18.40
COLUMBUS, GA	\$ 18.30
SANTA ANA, CA	\$ 18.02
SAVANNAH, GA	\$ 17.55
SPRINGFIELD, MO	\$ 17.04
DAVENPORT, IA	\$ 16.72
MADISON, WI	\$ 16.65
SCOTTSDALE, AZ	\$ 16.04
SAN BERNARDINO, CA	\$ 14.60
KALAMAZOO, MI	\$ 14.49
VIRGINIA BEACH, VA	\$ 14.34
WICHITA, KS	\$ 13.58
TAMPA, FL	\$ 13.50
CEDAR RAPIDS, IA	\$ 13.23
LINCOLN, NE	\$ 12.51
OAKLAND, CA	\$ 12.45
AMARILLO, TX	\$ 12.44
IRVING, TX	\$ 11.60
SALT LAKE CITY, UT	\$ 11.50
SACRAMENTO, CA	\$ 10.46
KANSAS CITY, KS	\$ 8.55
BUCKS COUNTY, PA	\$ 8.21
ROCKFORD, IL	\$ 4.16

\* Residential based on 1,000 Cubic Feet (7,480 Gallons) Monthly.

**SEWER OPERATING  
HISTORICAL COST COMPARISON**

APPROPRIATION COST CENTER	ACTUAL FISCAL YR 1996-97	ACTUAL FISCAL YR 1997-98	ACTUAL FISCAL YR 1998-99	ACTUAL FISCAL YR 1999-2000	ACTUAL FISCAL YR 2000-2001	ACTUAL FISCAL YR 2001-2002	ACTUAL FISCAL YR 2002-2003	ACTUAL FISCAL YR 2003-2004	BUDGETED FISCAL YR 2004-2005	ESTIMATED FISCAL YR 2004-2005	REQUESTED FISCAL YR 2005-06
<b>5220 LIFT STATIONS</b>											
10100 LIFT STATIONS	342,399	388,858	334,440	354,942	405,692	370,748	368,640	392,961	385,183	385,183	391,671
	342,399	388,858	334,440	354,942	405,692	370,748	368,640	392,961	385,183	385,183	391,671
<b>5230 COLLECTION SYSTEM</b>											
10400 SRVY & FIELD ENG.	414,770	441,757	415,883	354,136	463,170	302,456	287,133	284,987	289,057	289,057	303,459
10600 COLL. LINES	634,342	543,058	497,230	601,527	617,292	312,245	272,358	414,670	470,920	470,920	549,545
10800 MBLR CMRA INSPEC.	193,039	228,306	169,468	162,920	142,061	194,004	172,513	235,489	231,676	231,676	246,562
11000 FLEET MAINT.	108,561	32,997	129,430	122,510	137,346	15,015	-15,148	-78,148	44,878	44,878	-120
	1,350,713	1,244,208	1,212,011	1,241,101	1,359,869	823,750	716,856	896,998	1,036,531	1,036,531	1,105,448
<b>5280 RECLAMATION PLANT</b>											
11100 LAB PROGRAM	127,780	116,293	165,288	336,419	390,730	297,576	362,308	418,257	508,021	508,021	443,219
11200 MAINTENANCE	1,814,044	1,620,022	1,623,817	1,520,289	1,683,819	1,712,134	1,387,709	1,525,988	2,053,937	2,053,937	2,092,439
11300 ADMINISTRATION	340,637	371,774	394,697	361,153	353,431	399,051	388,385	414,833	452,829	452,829	452,795
11400 GIS	-	-	-	-	-	262,610	285,204	317,791	328,716	328,716	340,924
12000 OPERATIONS	2,178,898	1,999,108	1,999,011	2,093,456	2,080,716	2,139,173	2,137,883	2,142,810	2,562,703	2,562,703	2,483,034
12300 REC/FLEET MGMT.	74,524	69,701	50,630	77,819	82,312	77,089	76,783	72,784	100,204	100,204	86,025
12400 PRE TREATMENT	160,488	165,871	177,572	228,980	282,819	196,191	219,295	247,756	260,855	260,855	274,714
	4,494,372	4,342,767	4,411,005	4,626,946	4,882,927	5,083,803	4,855,567	5,141,219	6,267,265	6,267,265	6,173,150
<b>5290 CUST. SERVICE &amp; ACCT.</b>											
11400 CUST. SERVICE	-	-	-	-	-	-	-	-	-	-	-
11500 ACCOUNTING	822,524	588,888	670,560	708,888	671,279	716,196	721,338	781,568	799,835	799,835	834,915
	822,524	588,888	670,560	708,888	671,279	716,196	721,338	781,568	799,835	799,835	834,915
<b>5290 SEWER ADMINISTRATION</b>											
11700 GEN. OPERATIONS	427,959	398,189	442,516	811,165	812,355	743,211	818,248	689,449	640,037	640,037	664,261
92090 OLYMPIC COSTS	-	-	-	-	-	25,217	0	0	0	0	0
	427,959	398,189	442,516	811,165	812,355	768,428	818,248	689,449	640,037	640,037	664,261
<b>5290 PUBLIC UTILITIES ADM.</b>											
11900 ADMINISTRATION	57,496	69,395	72,731	74,835	79,835	79,854	74,707	84,582	86,575	86,575	87,238
<b>OTHER OPERATING EXPENSE</b>											
CONT. TO GEN FUND	148,556	123,807	131,165	127,116	121,488	131,809	132,652	134,745	140,000	140,000	140,000
PYMNT IN LIEU OF TAXES	148,984	157,211	158,983	135,955	148,438	114,091	164,813	264,111	316,400	316,400	306,000
BAD DEBT EXPENSE	17,126	-	-	-	32,498	34,265	5,439	19,205	-	-	-
CONTINGENCIES	-	-	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>\$7,610,127</b>	<b>\$7,313,122</b>	<b>\$7,433,411</b>	<b>\$8,080,847</b>	<b>8,484,179</b>	<b>8,121,954</b>	<b>7,856,280</b>	<b>8,384,888</b>	<b>9,671,826</b>	<b>9,671,826</b>	<b>9,702,791</b>

SEWER REVENUE HISTORY

2/14/2005 /BUDGET 2005  
Sewer10yrRev06.XLS@-DRIVE

ACCT. NO.	ACCOUNT TITLE	ACTUAL FISCAL/YR 1995-96	ACTUAL FISCAL/YR 1996-97	ACTUAL FISCAL/YR 1997-98	ACTUAL FISCAL/YR 1998-99	ACTUAL FISCAL/YR 1999-00	ACTUAL FISCAL/YR 2000-2001	ACTUAL FISCAL/YR 2001-2002	ACTUAL FISCAL/YR 2002-2003	ACTUAL FISCAL/YR 2003-2004	ESTIMATED FISCAL/YR 2004-2005	TEN YEAR AVERAGE 1996-2005	PROPOSED FISCAL/YR 2005-2006	INCREASE OR DECREASE	FORCASTED FISCAL/YR 2006-07	FORCASTED FISCAL/YR 2007-08	FORCASTED FISCAL/YR 2008-09	FORCASTED FISCAL/YR 2009-10	FORCASTED FISCAL/YR 2010-11
<b>OPERATING REVENUES</b>																			
1651	SEWER CHARGES	9,878,283	10,229,330	10,370,522	10,184,374	10,335,054	11,545,511	13,973,034	14,132,976	14,394,289	14,700,000	11,974,335	15,729,000	1,596,024	15,729,000	15,729,000	15,729,000	15,729,000	15,729,000
1654	SEWER SURCHARGE	287,577	301,839	204,482	200,403	259,693	215,723	8,115	64,839	64,894	-	159,735	-	(54,838)	-	-	-	-	-
1655	SPECIAL AGREEMENTS-SE	27,865	28,581	22,512	10,707	21,942	23,831	15,611	19,394	19,927	30,000	22,037	30,000	10,808	30,000	30,000	30,000	30,000	30,000
1280	INSPCTN-SURVEY-PERMIT	101,256	79,984	82,387	100,508	83,200	84,344	76,285	61,945	55,125	85,000	80,908	85,000	23,055	85,000	85,000	85,000	85,000	85,000
1955	INTERFUND REIMBURSEM	128,952	137,253	190,577	118,053	133,640	123,602	(203,126)	-	-	-	59,895	-	-	-	-	-	-	-
1801	GROUND RENTAL	14,824	4,852	1,194	1,213	1,246	45,179	16,605	-	46	2,000	8,696	2,000	2,000	2,000	2,000	2,000	2,000	2,000
147102	DUMPING FEES	13,425	17,150	21,350	18,775	12,525	17,375	20,137	12,050	13,110	25,000	17,090	25,000	12,950	25,000	25,000	25,000	25,000	25,000
1618	REPAIR & RELOCATION	25,233	32,162	31,356	36,608	8,392	21,668	2,988	8,192	9,595	30,000	20,609	30,000	21,808	30,000	30,000	30,000	30,000	30,000
1658	SPECIAL WYES	10,529	8,475	5,325	4,165	14,039	10,060	10,510	10,812	10,200	10,000	9,392	10,000	(612)	10,000	10,000	10,000	10,000	10,000
1661	PRE-TREATMENT CHARGE	41,194	35,196	31,848	33,243	37,540	45,967	50,212	51,270	51,638	40,000	41,911	40,000	(11,270)	40,000	40,000	40,000	40,000	40,000
1830	INTEREST INCOME	762,337	667,233	738,191	690,018	733,756	694,634	498,432	269,143	155,584	450,000	565,933	300,000	30,857	200,000	100,000	100,000	100,000	100,000
1890	SUNDRY REVENUES	8,855	15,865	16,999	160,054	13,376	5,631	4,206	42,461	6,311	20,000	29,378	20,000	(22,461)	20,000	20,000	20,000	20,000	20,000
<b>TOTAL OPERATING</b>		<b>11,300,372</b>	<b>11,557,719</b>	<b>11,686,743</b>	<b>11,558,120</b>	<b>11,854,403</b>	<b>12,833,425</b>	<b>14,473,010</b>	<b>14,662,881</b>	<b>14,780,489</b>	<b>15,392,000</b>	<b>12,989,918</b>	<b>16,271,000</b>	<b>1,808,119</b>	<b>16,171,000</b>	<b>16,071,000</b>	<b>16,071,000</b>	<b>16,071,000</b>	<b>16,071,000</b>
<b>NON-OPERATING REVENUES</b>																			
#####	IMPACT FEES	567,501	865,745	433,652	1,388,440	1,299,798	788,638	758,657	263,989	487,310	325,000	717,873	400,000	116,011	400,000	350,000	350,000	350,000	350,000
1842	EQUIPMENT SALES	(11,003)	17,710	(3,305)	62,987	5,617	-	62,637	1,945,466	(4,607)	10,000	208,540	10,000	(1,935,466)	10,000	10,000	10,000	10,000	10,000
1910	AID TO CONST.-PRIVATE	-	-	-	-	-	1,587,818	581,102	913,077	1,681,585	500,000	525,358	500,000	(413,077)	500,000	500,000	500,000	500,000	500,000
1990	BOND PROCEEDS	-	-	-	-	-	-	-	-	25,115,815	-	2,511,582	-	-	-	-	-	-	-
<b>TOTAL NON-OPERATING</b>		<b>556,498</b>	<b>883,455</b>	<b>430,347</b>	<b>1,431,427</b>	<b>1,305,415</b>	<b>2,376,456</b>	<b>1,402,296</b>	<b>3,142,532</b>	<b>27,280,103</b>	<b>835,000</b>	<b>753,644</b>	<b>910,000</b>	<b>(2,232,532)</b>	<b>910,000</b>	<b>860,000</b>	<b>860,000</b>	<b>860,000</b>	<b>860,000</b>
<b>TOTAL REVENUES</b>		<b>\$ 11,856,870</b>	<b>\$ 12,441,173</b>	<b>\$ 12,117,090</b>	<b>\$12,989,548</b>	<b>\$ 12,959,818</b>	<b>\$ 15,209,881</b>	<b>\$ 15,875,306</b>	<b>\$ 17,806,413</b>	<b>\$ 42,060,592</b>	<b>\$ 16,227,000</b>	<b>\$ 13,743,560</b>	<b>\$ 17,181,000</b>	<b>\$ (624,413)</b>	<b>\$ 17,081,000</b>	<b>\$ 16,931,000</b>	<b>\$ 16,931,000</b>	<b>\$ 16,931,000</b>	<b>\$ 16,931,000</b>

**STORMWATER UTILITY  
ENTERPRISE FUND  
BUDGET SUMMARY  
FY 2006-2008**

<u>SOURCES</u>	ACTUAL 2003-2004	AMENDED BUDGET 2004-05	PROJECTED ACTUAL 2004-05	PROPOSED BUDGET 2005-06	FORECAST BUDGET 2006-07	FORECAST BUDGET 2007-08
<b>REVENUES</b>						
METERED SALES	\$5,241,200	\$5,348,151	\$5,241,200	\$5,245,000	\$5,245,000	\$5,245,000
INTEREST INCOME	142,155	200,000	200,000	200,000	150,000	150,000
OTHER REVENUES	6,175	10,000	10,000	10,000	10,000	10,000
<b>TOTAL REVENUES</b>	<b>\$5,389,530</b>	<b>\$5,558,151</b>	<b>\$5,451,200</b>	<b>\$5,455,000</b>	<b>\$5,405,000</b>	<b>\$5,405,000</b>
<b>OTHER SOURCES</b>						
GRANTS & OTHER RELATED REVENUES	\$1,031,283	\$716,000	\$716,000	\$716,000	\$716,000	\$716,000
OTHER SOURCES	0	0	0	0	0	0
IMPACT FEES	200,655	200,000	200,000	200,000	200,000	200,000
BOND PROCEEDS	7,898,272	0	0	0	0	0
<b>TOTAL OTHER SOURCES</b>	<b>\$9,130,210</b>	<b>\$916,000</b>	<b>\$916,000</b>	<b>\$916,000</b>	<b>\$916,000</b>	<b>\$916,000</b>
<b>TOTAL SOURCES</b>	<b>\$14,519,740</b>	<b>\$6,474,151</b>	<b>\$6,367,200</b>	<b>\$6,371,000</b>	<b>\$6,321,000</b>	<b>\$6,321,000</b>
<b>EXPENSES &amp; OTHER USES</b>						
<b>EXPENDITURES</b>						
PERSONAL SERVICES	\$1,365,768	\$1,482,318	\$1,482,318	\$1,534,983	\$1,581,030	\$1,628,462
OPERATING & MAINTENANCE	70,155	123,900	123,900	126,000	\$128,520	\$131,087
TRAVEL & TRAINING	1,015	9,390	9,390	8,925	\$9,104	\$9,284
UTILITIES	46,216	63,810	63,810	67,265	\$68,610	\$69,982
PROF & CONTRACT SERVICES	743,206	755,850	755,850	789,850	\$805,647	\$821,760
DATA PROCESSING	130,923	139,172	139,172	140,000	\$142,800	\$145,656
FLEET MAINTENANCE	123,339	118,086	118,086	118,086	\$120,448	\$122,857
ADMINISTRATIVE SERVICE FEE	35,318	40,000	40,000	36,000	\$36,720	\$37,455
PAYMENT IN LIEU OF TAXES	131,734	122,000	122,000	126,000	\$128,520	\$131,090
OTHER CHARGES AND SERVICES	26,214	24,500	24,500	(18,975)	(\$19,355)	(\$19,746)
<b>TOTAL EXPENDITURES</b>	<b>\$2,673,888</b>	<b>\$2,879,026</b>	<b>\$2,879,026</b>	<b>\$2,928,134</b>	<b>\$3,002,045</b>	<b>\$3,077,888</b>
<b>OTHER USES</b>						
CAPITAL OUTLAY	\$41,308	\$499,200	\$499,200	\$223,000	\$541,000	\$441,500
CAPITAL IMPROVEMENT BUDGET	2,678,806	17,004,000	11,985,000	10,874,000	2,955,000	2,870,000
DEBT SERVICES	165,467	640,000	600,000	600,000	600,000	600,000
<b>TOTAL OTHER USES</b>	<b>\$2,885,581</b>	<b>\$18,143,200</b>	<b>\$13,084,200</b>	<b>\$11,697,000</b>	<b>\$4,096,000</b>	<b>\$3,911,500</b>
<b>TOTAL USES</b>	<b>\$5,559,469</b>	<b>\$21,022,226</b>	<b>\$15,963,226</b>	<b>\$14,625,134</b>	<b>\$7,098,045</b>	<b>\$6,989,388</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>	<b>\$8,960,271</b>	<b>(\$14,548,075)</b>	<b>(\$9,596,026)</b>	<b>(\$8,254,134)</b>	<b>(\$777,045)</b>	<b>(\$668,388)</b>
<b>OPERATING CASH BALANCES</b>						
BEGINNING JULY 1	\$12,089,765	\$21,050,036	\$21,050,036	\$11,454,010	\$3,199,876	\$2,422,831
ENDING JUNE 30	\$21,050,036	\$6,501,961	\$11,454,010	\$3,199,876	\$2,422,831	\$1,754,443
Cash Reserve Ratio			398%	109%	81%	57%

Operating cash balance is defined as total cash less restricted amounts for bond covenants and outstanding accounts payable.

STORMWATER UTILITY  
CASH FLOW

	ACTUAL YEAR 2000-2001	ACTUAL YEAR 2001-2002	ACTUAL YEAR 2002-2003	ACTUAL YEAR 2003-2004	CURRENT YEAR 2004-2005	BUDGET YEAR 2005-2006	BUDGET YEAR 2006-2007	BUDGET YEAR 2007-2008	BUDGET YEAR 2008-2009	BUDGET YEAR 2009-2010
STORMWATER CHARGES	5,190,863	5,293,726	5,210,155	5,241,200	5,241,200	5,245,000	5,245,000	5,245,000	5,245,000	5,245,000
OTHER INCOME	52,601	9,336	40,520	6,175	10,000	10,000	10,000	10,000	10,000	10,000
INTEREST INCOME	379,807	269,489	198,112	142,155	200,000	200,000	150,000	150,000	150,000	150,000
OPERATING INCOME	5,623,271	5,572,551	5,448,787	5,389,530	5,451,200	5,455,000	5,405,000	5,405,000	5,405,000	5,405,000
OPERATING EXPENDITURES	-2,620,938	-2,516,630	-2,702,117	-2,673,888	-2,879,026	-3,928,134	-3,002,045	-3,077,888	-3,155,737	-3,235,619
NET INCOME EXCLUDING DEP.	3,002,333	3,055,921	2,746,670	2,715,642	2,572,174	2,526,866	2,402,955	2,327,112	2,249,263	2,169,381
IMPACT FEES	567,946	246,252	283,989	200,655	200,000	200,000	200,000	200,000	200,000	200,000
OTHER RECEIPTS/ BOND PROCEEDS				7,898,272	0	0	0	0	0	0
OTHER CONTRIBUTIONS	1,613,935	1,106,308	889,417	1,031,283	716,000	716,000	716,000	716,000	716,000	716,000
CAPITAL OUTLAY	-90,526	-323,216	-440,722	-41,308	-499,200	-223,000	-541,000	-441,500	-434,000	-336,000
DEBT SERVICE	0	0	0	0	0	0	0	0	0	0
DEBT SERVICE (NEW)	0	0	0	-165,467	-600,000	-600,000	-600,000	-600,000	-600,000	-600,000
OTHER INCOME & EXPENSE	2,031,355	1,029,324	732,684	8,923,435	-183,200	93,000	-225,000	-125,500	-118,000	-20,000
AVAILABLE FOR CAPITAL	5,099,686	4,085,245	3,479,354	11,625,077	2,388,974	2,619,866	2,177,955	2,201,612	2,131,263	2,149,381
CAPITAL IMPROVEMENTS	-4,666,112	-3,058,812	-1,667,647	-2,678,805	-11,985,000	-10,674,000	-2,955,000	-2,870,000	-3,370,000	-2,070,000
CASH INCREASE/(DECREASE)	427,576	1,026,433	1,811,707	8,960,271	-9,596,026	-6,234,134	-777,045	-668,388	-1,238,737	79,381
BEGINNING CASH BALANCE	8,824,049	9,251,625	10,278,058	12,089,765	21,050,036	11,454,010	3,199,876	2,422,831	1,754,443	515,706
CASH INCREASE/(DECREASE)	427,576	1,026,433	1,811,707	8,960,271	-9,596,026	-8,254,134	-777,045	-668,388	-1,238,737	79,381
ENDING BALANCES	9,251,625	10,278,058	12,089,765	21,050,036	11,454,010	3,199,876	2,422,831	1,754,443	515,706	595,087
DEBT SERVICE COVERAGE	0.00	0.00	0.00	16.41	4.29	4.21	4.00	3.88	3.75	3.62
RATE CHANGES	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
ANNUAL RESIDENTIAL WATER	\$36.00	\$36.00	\$36.00	\$36.00	\$36.00	\$36.00	\$36.00	\$36.00	\$36.00	\$36.00
Bill (1991=\$36.00)	352.98%	408.41%	447.42%	787.24%	397.04%	105.28%	60.71%	57.00%	16.34%	18.30%
Cash Reserve Ratio										



Salt Lake City Corporation  
 Department of Public Utilities  
**STORM DRAIN CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
 2005 thru 2010

Last Update  
 2/11/2005

COST CENTER	PROJECT NUMBERS	DESCRIPTION	FEET OF PIPE	FISCAL YR 2004-2005	FISCAL YR 2005-2006	FISCAL YR 2006-2007	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009 - 2010
53-10301	2720.05	<b>LIFT STATIONS - WIP 53-10301-2772.10</b>							
	53470716	400 WEST 1300 SOUTH LIFT STATION - SOUTH (CONTROL PANEL, CHECK VALVES, DISCHARGE PIPE)		70,000	158,000				
	53470717	PARK UNDERDRAIN LIFT STATION - 1910 WEST 1030 NORTH (NEW PUMPS AND CONTROL PANEL)			50,000				
	53470718	OAKLEY LIFT STATION - 1200 WEST 1200 NORTH (PUMPS, DISCHARGE AND CONTROL PANEL)		150,000					
	53470719	OIL DITCH LIFT STATION - 1250 WEST 2000 NORTH (NEW PUMPS AND CONTROL PANELS)			600,000				
	53470720	400 WEST 1300 SOUTH LIFT STATION (PUMPS, CONTROL PANEL AND DISCHARGE)			120,000				
	53470721	PAXTON AVENUE LIFT STATION - 700 WEST PAXTON AVENUE (PUMPS, DISCHARGE & CONTROL PANEL)				120,000			
	53470714	NEW STAR LIFT STATION - 300 NORTH NEW STAR DRIVE (NEW PUMPS AND CONTROL PANEL) 400 SOUTH LIFT STATION - NORTH		750,000			50,000		
	53471027	LIFT STATION UPGRADE		7,000					
	534701015	500 EAST LIBERTY PARK LIFT STATION		20,000					
	53471030	SURPLUS AND CWA #2 LIFT STATION 1000 NORTH APPROX. 1600 WEST VARIOUS PUMP STATIONS		80,000	2,000,000				
				20,000	60,000				
				20,000	100,000	100,000	100,000	100,000	100,000
				1,097,000	2,986,000	220,000	150,000	100,000	100,000
53-10301	2730.20	<b>DETENTION BASINS - WIP 53-10301-2773.10</b>							
				0	0	0	0	0	0
53-10301	2730.18	<b>COLLECTION MAINS - WIP 53-10301-2773.10</b>							
	53470671	2100 EAST - 2100 SOUTH TO 1700 SOUTH, 1700 SOUTH - 2100 EAST TO 2300 EAST						650,000	
	53470691	CRESTVIEW AND OAKVIEW DR - INLETS							
	53470698	[ES-1, #11] ->1700 SOUTH - 500 WEST TO 900 WEST				765,000			
	53470354	[ES-1, #12] ->900 SOUTH - JORDAN RIVER TO STATE STREET - PHASE I & II (Bond Project) [ES-1, #12] ->900 SOUTH - STATE STREET TO 800 EAST - PHASE III [ES-1, #21] ->50 SOUTH GADSBY PLANT [ES-1, #22] ->1500 SOUTH I-215	8,580 3,850	8,400,000 500,000	4,500,000				
	53470723	NORTHWEST OIL DRAIN 800 NORTH TO 1200 WEST TESORO (1200 NORTH - 600 WEST TO 850 WEST) 2565 WEST - 1520 SOUTH TO 1560 SOUTH (ANDREW AVENUE 36") 800 NORTH - STARCREST DRIVE (1840 W) TO CITY DRAIN (APPROX. 2000 W) - MORTON DRIVE AREA 700 WEST 500 NORTH - STORM DRAIN EXTENSION AND CLEANOUT BOXES CWA #2 WALLACE ROAD - CULVERT REPLACEMENTS	2,100	100,000 140,000	240,000				
					150,000				
					180,000				
						50,000			
			14,510	9,140,000	4,740,000	765,000	0	650,000	0
		<b>SPECIAL PROJECTS</b>							
	53470580	WEST EAST LIGHT RAIL 400 SOUTH							
	53470724	2100 SOUTH LIGHT RAIL CROSSING		94,000					
			0	94,000	0	0	0	0	0
		<b>CED DRIVEN PROJECTS</b>							
	53470599	GLADIOLA STREET (2900 W) - 500 S TO 1820 S (CED JOB NO. 103007) (ENGINEERING STUDY AND CONSTRUCTION)		200,000	200,000	200,000	200,000	200,000	200,000
	53470695	MONTGOMERY STREET - GLENDALE CIRCLE TO 1300 SOUTH (GLENDALE AREA STUDY - JOB NO. 102044)		4,000			500,000		
	53470726	ILLINOIS AVENUE - JORDAN RIVER TO CONCORD STREET (GLENDALE AREA STUDY - JOB NO. 102044)					250,000		
	53470731	500 EAST - 1300 SOUTH TO 2100 SOUTH						650,000	
	53473001	2100 SOUTH - REDWOOD ROAD TO 900 WEST 900 SOUTH 900 EAST (ROUND ABOUT CONSTRUCTION) UTAHNA DRIVE (1185 W) - 1350 SOUTH TO 1170 WEST (JOB NO. 102103) 1300 SOUTH - MONTGOMERY STREET (1580 W) TO GLENDALE DRIVE 1350 W) EMERY STREET (1170 W) - CALIFORNIA AVENUE (1330 S) TO UTAHNA DRIVE (1465 S) QUAYLE AVENUE (1760 S) - 900 WEST TO PEARL STREET (970 W) 300 NORTH - 200 WEST TO 300 WEST 900 SOUTH - 900 WEST TO MAIN STREET (CED WILL BUILD STORM DRAIN LATERALS, CURB INLETS, ETC. W/ STREET PROJECT) ARDMORE PLACE (350 N) - 200 WEST TO 300 WEST (STORM DRAIN EXTENSION AND INLETS) VARIOUS LINES ADA RAMPS		30,000 250,000 200,000	600,000				
					130,000				
					65,000				
					105,000				
					355,000				
					33,000				
				200,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
				20,000	20,000	20,000	20,000	20,000	20,000
			0	904,000	2,996,000	1,220,000	1,970,000	1,870,000	1,220,000

Salt Lake City Corporation  
 Department of Public Utilities  
**STORM DRAIN CAPITAL IMPROVEMENT PROJECTS**  
 SIX YEAR PROPOSAL  
 2005 thru 2010

Last Update  
 2/11/2005

COST CENTER	PROJECT NUMBERS	DESCRIPTION	FEET OF PIPE	FISCAL YR 2004-2005	FISCAL YR 2005-2006	FISCAL YR 2006-2007	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009 - 2010
		<b>LOCAL AREA PROJECTS (* WORK BY CITY CREWS)</b>							
5374005		VARIOUS PROJECTS	0	200,000	200,000	200,000	200,000	200,000	200,000
		SID VARIOUS STREETS -- DIP STONE REPLACEMENT CONTRIBUTIONS BY DEVELOPERS	1,000	50,000	50,000	50,000	50,000	50,000	50,000
			1,000	550,000	550,000	550,000	550,000	550,000	550,000
		<b>TOTAL COLLECTION LINES</b>	<b>15,510</b>	<b>10,888,000</b>	<b>7,888,000</b>	<b>2,735,000</b>	<b>2,720,000</b>	<b>3,270,000</b>	<b>1,970,000</b>
		<b>TOTAL CAPITAL IMPROVEMENTS</b>		<b>11,985,000</b>	<b>10,874,000</b>	<b>2,955,000</b>	<b>2,870,000</b>	<b>3,370,000</b>	<b>2,070,000</b>
		<b>REPLACEMENT VEHICLE</b>							
10201	2750.10	Motive Replacement Auto & Truck							
10201		BOBTAIL DUMP - 2 1/2 TON				70,000			
10201		1 TON HD TRUCK W/DUMP			36,000				36,000
10201		2 TON DUMP TRUCK		60,000				60,000	
10201		3/4 PICKUP 4X4		60,000			30,000	60,000	
10201		1 TON HD TRUCK W/UTILITY BED			38,000				38,000
10301		FULL SIZED TRUCK							
10701		TRUCK		22,000		22,000		22,000	
				142,000	74,000	92,000	30,000	142,000	74,000
10201	2750.30	Field Maint Equipment							
10201		BACKHOE		1,000	1,000	1,000	2,000	2,000	2,000
10201		VACTOR TRUCK		255,000		260,000	260,000	260,000	260,000
10201		TRACK EXCATOR W/DOZER BLADE	3645 96JD		128,000				
10201		QUICK COUPLER HYDRALIC MOWER			10,000				
10201		10 WHEEL DUMP TRUCK					130,000		
10201		BACKHOE 710 JD				140,000			
10201		ARTICULATED BOOM MOWER		36,000					
				292,000	139,000	401,000	392,000	262,000	262,000
10201	2760.30	Telemetry							
		SCADA FOR LIFT STATIONS		10,000		10,000		10,000	
				10,000	0	10,000	0	10,000	0
	2760.50	Office Equipment			10,000			10,000	
				0	10,000	0	0	10,000	0
10201	2760.90	Other Equipment							
10201		CEMENT MIXER					4,500		
10201		TOW ALONG COMPRESSOR		14,000			15,000		
10201		RADIO SYSTEM UPGRADE		27,000		28,000			
10201		REAR DUMP CEMENT MIXER		4,200					
10701		COMPOSITE SAMPLERS		10,000		10,000		10,000	
				55,200	0	38,000	19,500	10,000	0
		<b>TOTAL CAPITAL OUTLAY</b>		<b>499,200</b>	<b>223,000</b>	<b>541,000</b>	<b>441,500</b>	<b>434,000</b>	<b>338,000</b>
		<b>GRAND TOTAL</b>		<b>12,484,200</b>	<b>11,097,000</b>	<b>3,496,000</b>	<b>3,311,500</b>	<b>3,804,000</b>	<b>2,408,000</b>

## STORMWATER OPERATING HISTORICAL COST COMPARISON

APPROPRIATION COST CENTER	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	BUDGETED	ESTIMATED	REQUESTED
	FISCAL YR 1996-97	FISCAL YR 1997-98	FISCAL YR 1998-99	FISCAL YR 1999-2000	FISCAL YR 2000-2001	FISCAL YR 2001-2002	FISCAL YR 2002-2003	FISCAL YR 2003-2004	FISCAL YR 2004-2005	FISCAL YR 2004-2005	FISCAL YR 2005-2006
<u>5240 STORM DRAIN</u>											
10200 STORM DRAINAGE	837,802	931,082	976,227	798,822	1,067,339	779,848	1,087,146	1,047,321	1,084,430	1,084,430	1,092,207
10300 STORM DRAIN ENGINEERING	482,262	498,029	379,371	355,805	456,898	308,864	265,810	285,181	381,735	381,735	404,803
10500 STORM WATER ADMINISTRATI	704,597	657,481	721,178	952,719	787,745	980,139	837,363	826,444	873,487	873,487	869,837
10700 STORM WATER QUALITY	111,139	126,001	131,680	134,632	144,322	126,880	151,367	141,095	157,063	157,063	169,139
10900 STORM WATER GIS	-	-	-	-	-	175,768	198,167	206,795	220,311	220,311	230,148
92090 OLYMPIC COSTS	-	-	-	-	-	-	-	-	-	-	-
	2,135,800	2,212,593	2,208,456	2,241,978	2,456,303	2,371,499	2,539,853	2,506,836	2,717,026	2,717,026	2,766,134
<u>OTHER OPERATING EXPENSE</u>											
CONT.TO GEN.FUND	60,296	45,928	50,653	33,080	39,247	44,057	43,671	35,318	40,000	40,000	36,000
PYMNT IN LIEU OF TAXES	122,013	104,434	98,116	97,076	113,144	91,215	118,593	131,734	122,000	122,000	126,000
RES.FOR DOUBTFUL ACCT.	10,023	-	1,913	3,621	12,244	9,859	-	-	-	-	-
CONTINGENCIES	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	\$ 2,328,132	\$ 2,362,955	\$ 2,359,138	\$ 2,375,755	\$ 2,620,938	\$ 2,516,630	\$ 2,702,117	\$ 2,673,888	\$ 2,879,026	\$ 2,879,026	\$ 2,928,134
Became a Utility fund 07/01/91											

