

**SALT LAKE CITY COUNCIL STAFF REPORT**  
**BUDGET ANALYSIS – FISCAL YEAR 2008-09**

**DATE:** April 22, 2008  
**SUBJECT:** **WATER FUND**  
**STAFF REPORT BY:** Lehua Weaver  
**CC:** David Everitt, Jeff Niermeyer, Tom Ward, Jim Lewis, Steve Fawcett, Susi Kontgis

The operating budget for the Water Enterprise Fund for fiscal year 2008-09 is proposed to be \$42,506,088, which is an increase of \$1,741,909, or 4.3%.

<b>WATER FUND</b>				
<b>PROPOSED BUDGET</b>				
	<b>AMENDED 2007-08</b>	<b>PROPOSED 2008-09</b>	<b>Difference</b>	<b>Percent Change</b>
<b>Revenue &amp; other sources</b>				
Charges for services	\$ 48,676,822	<b>\$50,232,000</b>	1,555,178	3.2%
Interest income	450,000	<b>450,000</b>	-	0.0%
Inter-fund charges	2,308,000	<b>2,308,000</b>	-	0.0%
Sale of used equipment	50,000	<b>50,000</b>	-	0.0%
Impact fees	546,000	<b>500,000</b>	(46,000)	-8.4%
Grants and Other related revenues	1,405,000	<b>905,000</b>	(500,000)	-35.6%
Bond proceeds	9,600,000	-	(9,600,000)	-100.0%
Use of cash reserves	6,617,357	<b>18,166,388</b>	11,549,031	174.5%
<b>Total revenue &amp; other sources</b>	<b>\$ 69,653,179</b>	<b>\$72,611,388</b>	<b>\$ 2,958,209</b>	<b>4.2%</b>
<b>Expenses</b>				
Salaries, wages & benefits	\$ 15,415,699	<b>\$ 16,321,254</b>	905,555	5.9%
Materials & supplies	2,289,460	<b>2,323,370</b>	33,910	1.5%
Charges for services	23,059,020	<b>23,861,464</b>	802,444	3.5%
<b>Total operating expenses</b>	<b>\$40,764,179</b>	<b>\$ 42,506,088</b>	<b>\$1,741,909</b>	<b>4.3%</b>
<b>Capital Outlay</b>				
Capital improvement	22,504,000	<b>23,116,900</b>	612,900	2.7%
Vehicles & equipment	2,805,000	<b>3,396,400</b>	591,400	21.1%
Debt Services	3,580,000	<b>3,592,000</b>	12,000	0.3%
<b>Total Operating Expenses &amp; Capital Outlay</b>	<b>\$ 69,653,179</b>	<b>\$72,611,388</b>	<b>\$ 2,958,209</b>	<b>4.2%</b>

## **KEY ISSUES**

(For more detailed information about the Water Fund, please refer to the 'background' section at the end of this report.)

The Department of Public Utilities has prepared a budget for the Water Utility that includes a \$23 million Capital Improvement Program and assumes a water rate increase of 4%.

## **POTENTIAL MATTERS AT ISSUE**

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

- Water Rate Revenue (increase of \$1,155,178) – The proposed budget includes a water rate increase to continue planning for infrastructure replacement needs and to maintain a stable cash reserve balance. Over each of the past two years, the Council approved a 4% increase as well. The Department anticipates needing rate increases in coming years as well.

The rate increase applies to each tier of the water rate structure, as well as to County accounts and the service fee.

For residential accounts, this proposed increase would result in an annual increase of approximately \$13.57 (monthly = \$1.13).

The anticipated revenue is reduced by \$728,000, which is the amount of water that is to be provided to Tanner Ditch customers as part of the negotiations and agreement for water line upgrades and water rights exchanges.

- Use of Reserve Funds – an \$11,549,031 increase to be used toward capital projects from cash reserves and from bond proceeds for a total of \$18,166, 388.

- Purchase of Water from Metropolitan Water District – For the proposed fiscal year, the rate per acre foot will increase to \$200, which is a \$12 increase per acre foot over last year and results in an increase to the budget of \$536,000. This will allow the Department to purchase 48,000 acre feet of water, which is keeping with the average over the past several years. The Department anticipates purchasing an average of 48,000 acre feet over the next several years, and in 2010 that amount may increase. The MWD has raised the rates for the past several years and anticipates rate increases in the coming years as well.

<b>Year</b>	<b>Historical Rate (per acre foot)</b>	<b>Future Planned Rates</b>
2004-05	\$150	
2005-06	\$163	
2006-07	\$175	
2007-08	\$188	
2008-09		\$200 (6.4%)
2009-10		\$213 (6.5%)
2010-11		\$219 (3%)
2011-12		\$226 (3%)

- Annual assessments for the Metropolitan Water District Capital Improvements – The \$7 million assessment for Metropolitan Water District capital improvements will continue in 2008-09, and will continue for the next 25 years. 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.

- Personal Services – overall increase of 5.87% or \$905,555
  - Staff positions – There are no planned adjustments to the staffing in the Water Utility Fund.
  - 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 has estimated a standard 3% salary increase for a total of

\$483,249. The Department uses this 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).

- Insurance & Benefit adjustments – Insurance benefits are anticipated to increase citywide. For the Water Fund, an anticipated 14% or \$285,904 has been budgeted.
- Materials and Supplies (increase of \$33,910 or 1.5%) – The increase is due to various smaller increases in postage, chemicals, forms and printing costs, and computer purchases. There are various reductions to water repair materials, and other miscellaneous items offsetting reductions of \$49,240.

For all three Utility Funds, the cost for the annual bus pass program has been moved from Materials & Supplies to Charges for Services.

- Charges for Services (increase of \$802,444 or 3.5%) – Charges for services is budgeted to increase by 3.5% largely due to an increase in fleet costs and an increase in cost per acre foot of water from the Metropolitan Water District.

	<u>Increase</u>
• Metro Water District	\$536,000
• Fleet (fuel costs)	135,000
• Equipment Rentals to maintain safety standards	51,500
• Payment in Lieu of Taxes	50,300
• Utility Costs for power and gas	35,182

## **Capital Budget**

The following is included in the budget for capital improvements for fiscal year 2008-09.

- Capital Outlay – Vehicles & Equipment (increase of \$591,400 or 21%) Vehicle purchases in the water fund have been delayed for the past several years. Most of the vehicles purchased are necessary pieces of heavy equipment and trucks for performing required duties.
- Continuation of the existing capital improvement program – This budget of \$23.1 million is in addition to the assessments for the Metropolitan Water District capital improvements.

<b>Proposed Capital Improvement Program Fiscal year 2008-09</b>	
Replacement of water lines and hydrants	\$ 11,469,900
Land Purchases (watershed purchases)	2,900,000
Reservoirs	1,650,000
Service Line Replacement & new connection	1,400,000
Treatment Plants	1,300,000
Pumping Plant Upgrades	1,247,000
Maintenance Buildings	850,000
Water meter replacement	750,000
Meter change out program	500,000
Culverts, flumes & bridges	450,000
Landscaping	270,000
Wells	300,000
Water stock purchases	30,000
<b>Total Capital Improvement Program</b>	<b>\$ 23,116,900</b>

The Department has increased the budget for Capital Improvement projects by \$612,000.

- Land Purchase – The Department has an opportunity to purchase some land with office space adjacent to their current office building, which is necessary to accommodate current staff. Another primary motivation for acquiring the property, is to preserve access to the utility shop for the Department’s fleet. The budget for this acquisition is \$1.9 million. Depending on the final sale agreement, the amount would allow for some minor repairs that are needed.

The Department intends to house the maintenance division temporarily while repairs are being made to the shop. In the long term, it is anticipated that other office employees will be moved into this new building.

- 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 timeline will meet the need to replace pipes before they actually fail.***

- County water line replacements – The Council may remember that in January, the Department issued the \$7 million dollars in bonds to replace small size water lines in sections of the County as part of the resolution of water rights and fire protection issues with Big Cottonwood Tanner Ditch Irrigation Company. (This bond was combined with a refunding of other outstanding bonds.)
- 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 19,000 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.

## **ADDITIONAL QUESTIONS FOR CONSIDERATION**

1. The Council may wish to ask about the water levels and water supply in the reservoirs.
2. The Council may wish to ask whether there are any options to create a budget without a rate increase.
3. The Department of Public Utilities has been collaborating with the Building Permits Division on the one-stop shop and streamlining the plan review process for customers. The Council may wish to ask about this process and the developments in the program.
4. The Council may wish to inquire about the Department's practice in pursuing available grants. Recent Council staff research has suggested that there may be federal grant resources for various public works projects.

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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, 1,213 miles of water mains, and 178 miles of conduit and supply lines.

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 provide 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.

## **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.*

**SALT LAKE CITY COUNCIL STAFF REPORT**

**BUDGET ANALYSIS – FISCAL YEAR 2008-09**

**DATE:** April 22, 2008  
**SUBJECT:** **SEWER FUND**  
**STAFF REPORT BY:** Lehua Weaver  
**CC:** David Everitt, Jeff Niermeyer, Tom Ward, Jim Lewis, Steve Fawcett, Susi Kontgis

The operating budget for the Sewer Fund for fiscal year 2008-09 is proposed to be \$11,514,852 which is an increase of \$453,038 or 4.1% over fiscal year 2007-08. The capital budget, including debt service, is proposed to be \$13,044,000.

<b>SEWER FUND</b>				
<b>PROPOSED BUDGET</b>				
	<b>Amended 2007-08</b>	<b>Proposed 2008-09</b>	<b>Difference</b>	<b>Percent Change</b>
<b>Revenue &amp; other sources</b>				
Sewer service fees	\$15,800,000	\$16,500,000	\$ 700,000	4.4%
Interest income	400,000	400,000	-	0.0%
Permits	85,000	85,000	-	0.0%
Impact fees	382,000	350,000	(32,000)	-8.4%
Other	667,000	667,000	-	0.0%
Use of cash reserves	10,149,914	6,556,852	(3,593,062)	-35.4%
<b>Total revenue &amp; other sources</b>	<b>\$27,483,914</b>	<b>\$24,558,852</b>	<b>\$(2,925,062)</b>	<b>-10.6%</b>
<b>Expenses</b>				
Salaries, wages & benefits	\$ 6,538,043	\$ 6,849,872	\$ 311,829	4.8%
Materials & supplies	1,341,210	1,306,010	(35,200)	-2.6%
Charges for services	3,182,561	3,358,970	176,409	5.5%
<b>Total Operating Expenses</b>	<b>\$11,061,814</b>	<b>\$11,514,852</b>	<b>\$ 453,038</b>	<b>4.1%</b>
<b>Capital Outlay</b>				
Capital improvement	12,969,000	8,662,000	(4,307,000)	-33.2%
Vehicles & equipment	1,518,100	2,447,000	928,900	61.2%
Debt Services	1,935,000	1,935,000	-	0.0%
<b>Total Operating Expenses &amp; Capital Outlay</b>	<b>\$27,483,914</b>	<b>\$24,558,852</b>	<b>\$(2,925,062)</b>	<b>-10.6%</b>



## POTENTIAL MATTERS AT ISSUE

(For more detailed information about the Sewer fund, refer to the 'background' section at the end of this report.)

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

- No Rate Increase – There are no proposed rate increases for this fiscal year. Revenues are generally tied to the rate of users' conservation, because of the amount of water from showers, dishwashers, etc., that make up the sewer usage rates (as measured during winter months). The Department had anticipated a rate increase for this fiscal year to pay for a planned bond issuance and treatment plant work, but the bond issuance is now scheduled two years later. Therefore, the Department is not anticipating a rate increase until 2010-11.
- Impact Fee Revenues (decrease \$32,000) – adjustment to due to the slowing economy.
- Use of Reserve Funds - \$6,556,852 used toward capital projects.
- Staffing Adjustments – There are no proposed staffing adjustments this year.
- Operating Expenses -
  - 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, or \$193,605, 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).
  - Other Personal Services – In addition to the salary adjustment, the Department is budgeting for an increase of 14% to insurance benefits and taxes of \$118,224.
- Materials and Supplies (overall decrease of \$35,200) – The Department has adjusted budget to more accurately reflect historical actual usage. This resulted in an overall decrease of \$35,200, primarily due to a \$40,000 reduction in repair materials.
- Charges for Services (overall increase of \$176,409) – This increase is largely due to \$129,500 more for the contract to clean sewer lines. The contract is temporary to assist the Department's workers in cleaning out the lines as quickly as possible. This money will help speed up that process.

The communications contract also increased \$26,000 as part of the citywide radio

system. Last year, the Department enhanced their in-house capabilities to view the sewer lines for monitoring. The Council may wish to ask whether this has increased efficiency in maintaining the lines and avoiding problems. Adjustments to travel, fleet, administrative service fees, and other small changes account for the remainder of the increase.

**Capital Improvement Budget**

The proposed budget reflects a capital improvement budget of \$8,662,000 for fiscal year 2008-09. 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	\$ 4,297,000
Treatment Plant	3,610,000
Maintenance & repair shops	520,000
Landscaping	185,000
Lift Stations	50,000
<b>Total Capital Improvement Program</b>	<b>\$ 8,662,000</b>

- The upgrades to the Treatment Plant continue, including plans to upgrade odor control equipment and secondary treatment of \$1.5 million. More significant plans will likely require a bond issue in the next two years.
- The Department plans to commission a “Sewer Master Plan Study” for approximately \$800,000 with an emphasis on the Northwest Quadrant of the City. The study will look at growth and changes citywide for future planning purposes.
- The \$520,000 for Maintenance & Repair Shop items is a major repair to the lab’s heating and cooling system and a necessary new roof.

**QUESTIONS FOR CONSIDERATION**

1. The Council may wish to ask for more information about the planned upgrades to the sewer treatment plant.

**BACKGROUND**

The Department of Public Utilities has over 49,340 sewer connections. The Sewer Fund maintains 641 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 99.9 employees. Effective January 1, 2001, sewer fees are based on discharge strength as well as volume. Approximately 2,500 of the 49,340 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 will remain the same at \$130.50 in fiscal year 2006-07.

**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.*

**SALT LAKE CITY COUNCIL STAFF REPORT  
BUDGET ANALYSIS – FISCAL YEAR 2008-09**

**DATE:** April 22, 2008  
**SUBJECT:** **STORMWATER FUND**  
**STAFF REPORT BY:** Lehua Weaver  
**CC:** David Everitt, Jeff Niermeyer, Tom Ward, Jim Lewis, Steve Fawcett, Susi Kontgis

<b>STORMWATER FUND</b>				
<b>PROPOSED BUDGET</b>				
	<b>Amended</b>	<b>Proposed</b>	<b>Difference</b>	<b>Percent Change</b>
	<b>2007-08</b>	<b>2008-09</b>		
<b>Revenue &amp; other sources</b>				
Stormwater service fee	\$5,245,000	\$5,245,000	\$0	0.00%
County Flood Control			\$0	
Interest	150,000	150,000	\$0	0.00%
Impact fees	220,000	200,000	(\$20,000)	-9.09%
Systems constructed by developers	516,000	516,000	\$0	0.00%
Other revenue	10,000	10,000	\$0	0.00%
Use of reserves	4,319,466	2,767,730	(\$1,551,736)	-35.92%
<b>Total revenue &amp; other sources</b>	<b>\$10,460,466</b>	<b>\$8,888,730</b>	<b>(\$1,571,736)</b>	<b>-15.03%</b>
<b>Expenses</b>				
Salaries, wages & benefits	\$1,643,089	\$1,725,139	\$82,050	4.99%
Materials & supplies	109,650	111,700	\$2,050	1.87%
Charges for services	1,379,861	1,915,891	\$536,030	38.85%
<b>Total operating expenses</b>	<b>3,132,600</b>	<b>3,752,730</b>	<b>\$620,130</b>	<b>19.80%</b>
<b>Capital Outlay</b>				
Capital improvement	6,545,866	3,908,000	(\$2,637,866)	-40.30%
Vehicles & equipment	182,000	628,000	\$446,000	245.05%
Debt Service	600,000	600,000	\$0	0.00%
<b>Total Expenses &amp; Capital Outlay</b>	<b>\$10,460,466</b>	<b>\$8,888,730</b>	<b>(\$1,571,736)</b>	<b>-15.03%</b>

The operating budget for the Stormwater Fund for fiscal year 2008-09 is proposed to be \$3,752,730, which is an increase of \$620,130 or 19.8% over fiscal year 2007-08.

This is driven by the \$600,000 budgeted in the “Charges for Services” category for the 2-year Riparian Corridor study. The capital budget, including debt service, is proposed to be \$5,136,000.

## **POTENTIAL MATTERS AT ISSUE**

(For more detailed information about the Stormwater fund, refer to the 'background' section at the end of this report.)

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

- No rate increase – A rate increase is not proposed, but is likely next fiscal year for 3%. A chart is included in the budget book (on page 25), which shows Salt Lake City’s storm water rate compared to other local rates. This chart shows that the monthly charge is the 13<sup>th</sup> lowest when compared to other cities, such as Magna, Sandy City, South Jordan, Ogden, Orem (top five), and seven others. The rate for Magna, the top, is \$5.05 per month.

Salt Lake City has not raised its storm water rate since the program’s start in 1990. Next year’s rate increase would support cash reserve levels for capital improvement projects. Without a rate increase and with planned capital improvements projects, the cash reserve would otherwise dip below \$2 million. The to-be-proposed 3% rate increase would generate approximately \$157,350, and would assist in maintaining the cash reserve level.

- Charges for Services (increase of \$536,030 or 39%) –
  - Riparian Corridor Study: \$600,000 - The largest driver for the increase to Charges for Services is the \$600,000 budgeted for a study of the Riparian Corridors, which the Department was tasked with managing by the Council. The study is in the ‘request for qualifications’ stage. Over the coming months, the Department expects to move quickly through proposals from qualified consultants, establishing stakeholders, and selecting a consultant to perform the 2-year study of Emigration Creek, Red Butte, Parley’s, and City Creek Canyon corridors. The first phase of the study, Phase I: Red Butte and Emigration Creek Corridors, is scheduled to begin July 1, 2008.
  - The balance of the change to the Charges for Services budget is due to more minor fluctuations in professional and technical costs, payments in lieu of taxes, data processing costs, travel & training, and other miscellaneous items.
- Impact Fee Revenues (decrease \$20,000) – adjustment to due to slow down in economy.
- Use of Reserves - \$2,767,730 toward capital improvement projects. This amount generally will be amended throughout the year, and varies from year to year.
- Personal Services (increase \$82,050) – 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 Storm Water Fund is also budgeting about for a 14% increase to insurance benefits in the amount of \$28,820.

**Capital Budget**

The proposed budget reflects a capital improvement budget of \$3,908,000 for fiscal year 2008-09, which is a 40% decrease from last year.

<b>Proposed Capital Improvement Program</b>	
Collection lines	\$2,808,000
Lift stations	850,000
Land	250,000
<b>Total Capital Improvement Program</b>	<b>\$ 3,908,000</b>

The proposed \$3,908,000 budget for capital improvement projects is a decrease of \$2,637,866 from last year's amended budget, however there are more planned equipment purchases compared to the previous year. This year's proposed capital equipment budget reflects a \$446,000 increase. This is for the purchase of a vactor truck (large vacuum truck), a backhoe, and two dump trucks, in addition to other various needed vehicles.

The \$250,000 budgeted for land is for the purchase of a right-of-way on the Brighton Canal to accommodate the Gladiola line project.

The \$2,808,000 budgeted for collection lines includes streets such as Gladiola from 500 South to 1820 South, Redwood Drive and Montgomery Street to 1300 South, 900 East from 900 South to 2100 South, and other smaller projects.

\$750,000 is also planned for an Oil Ditch Pump Station project near North Salt Lake.

A detailed listing of all projects identified for the Stormwater fund is included in the budget book from the Department (included in your packet).

**QUESTIONS FOR CONSIDERATION**

1. The Council may wish to ask for a brief verbal status report on the storm drain projects on 900 South and 500 East.

2. Given the increasing construction costs, the Council may wish to inquire about the progress of implementing the capital improvement plan.

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*Additional Information*

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**BACKGROUND**

The Department of Public Utilities maintains over 460 miles of stormwater pipe and collection lines using 26.3 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.*

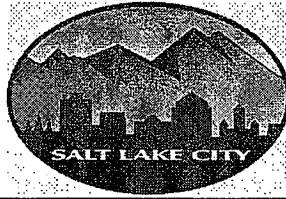
*During the briefing, the Council may wish to identify potential programs or functions to be added to the Council's list for future audits.*

RECOMMENDED

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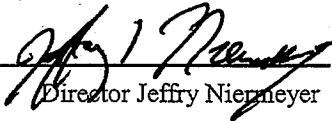
## SALT LAKE CITY PUBLIC UTILITIES BUDGET FOR FISCAL YEAR 2008 - 2009


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Public Utilities Review  
& Approval

  
Director Jeffrey Niermeyer

  
Chairman PUAC

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### 2008-2009 Executive Summary Budget Issues

#### ◆ Department Budget Issues, Objectives and Goals

- ★ Water Rate increase of 4% or \$2.1 million.
- ★ Stormwater rate increase of 3% for 2009-10 budget
- ★ Buy adjacent building and land for 1.9 million
- ★ Resolution of county fire protection and water rights issues
- ★ Metropolitan Water purchases cost \$536,000 above pervious year.
- ★ Sewer master plan study, \$800,000 checking capacity needs of system.
- ★ Stormwater Riparian Corridor Study for \$600,000.
- ★ Expand and improve web services for our customers.
- ★ Continue replacing capital infrastructure for all our funds.
- ★ Streamlining on-line building permits process citywide



# RECOMMENDED

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**Water Rate Change .....** will raise over \$2 million to maintain our strong capital improvement program. A rate increase while always undesirable is necessary to keep our infrastructure replacement program alive and help maintain a healthy cash balance to cover seasonal variation in revenue stream. This increase translates to a \$13.57 per year residential jump or just \$1.13 per month.

Rate Schedule	Current City Rates	Proposed City Rates
Service Fee	\$7.15	\$7.43
First Tier	\$0.85	\$0.88
Second Tier	\$1.30	\$1.35
Third Tier	\$1.81	\$1.88
Ave. Residential bill	\$339.43 annual	\$353.00 annual

No increases for Sewer or Stormwater are anticipated for this fiscal year budget but cash reserves are depleting in these enterprise funds as sales are not keeping up with replacement needs.

**Stormwater proposed rate increase for 2009-10 budget.....**will increase the current \$3 fee to \$3.09 in July of 2009. The Stormwater fee was implemented with the new utility in 1990 and rates have not been changed for the last eighteen years. The utility requires additional funding to continue to fund a strong capital improvement program. The fee increase would raise the residential bill by \$1.08 per year from \$36 to \$37.08. Additional rate increases are proposed from 2010 to 2012.

Future Planned Rate Increases	
2011	3%
2012	3%
2013	3%
2014	3%

**Metropolitan Water District.....**rates will increase 6.5% next year. Public Utilities will pay for treated water at a rate of \$200 per Acre Foot up from \$188 this year. Metropolitan water is expected to cost \$536,000 in 08-09.

Rate increases to Metropolitan Water District will increase each year at the following rates:

2009-10	\$213 af	6 ½%	2012-13	\$233 af	3%
2010-11	\$219 af	3%	2013-14	\$240 af	3%
2011-12	\$226 af	3%	2014-15	\$247 af	3%

## RECOMMENDED

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**Purchasing the Adjacent Facility.....**will cost the department \$1.9 million but is property that can add sufficient office space and additional space for our shop operation. The potential facility if left to developers could severely restrict the current operations access and activity for a 24 hour operation.

**Resolution of County Fire Protection and Water Rights Near Completion....**as the city and Tanner Ditch Irrigation Company prepare to sign the new agreement this spring. The agreement has been under negotiation for several years, the Water Utility is close to an agreement with Big Cottonwood Tanner Ditch and beginning negotiations with Green Ditch Irrigation Companies to resolve the water rights and fire protection issues. The Water Utility has issued \$7 million in revenue bonds to replace water lines that will increase water volume and pressure by replacing small size waterlines in the county service area. This settlement will also provide the utility with the actual water rights in the canyon streams for additional free water to Tanner shareholders.

**Sewer Master Plan study.....**for \$800,000 is an update to the sewer master plan last updated in 1997. The study needs to examine existing trunk line capacity and condition plus review growth issues related to the Northwest Quadrant. Due to the continual growth of the system in the Northwest Quadrant and the University of Utah options need to be considered on the trunk line upgrades and the future treatment plant timing.

**Stormwater Riparian Corridor study.....**will cost \$600,000 to review needed protection for vegetative zones around above ground streams, to minimize erosion, stabilize the banks, protect water quality, fish and wildlife habitat and preserve the esthetic values of the natural watercourses. The Riparian Corridor Overlay District was recently established by Council ordinance and Public Utilities have been directed to determine the protocols for reasonable balance between residents and the riparian zone.

**Web Service Enhancements.....** are in the works. As a department our goal is to make it as easy as practical for our customers to pay and send information needed in the easiest and most efficient way. Security of our customer base is of greatest concern and stronger security features for on-line use. Better billing statements and greater pay options and features are currently in design.

**Rebuilding, Redesigning and Reengineering Existing Infrastructure.....**to keep our drinking water up to the quality and high national and local standards is the greatest financial boon the department faces. While Sewer and Stormwater infrastructure is similarly important, both the Sewer and Stormwater currently have adequate cash reserves and their revenue is very stable. The water system, a much larger (600 miles) more complex system, encompasses a large area of the County and is still the oldest working system

## RECOMMENDED

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west of the Mississippi River. Each year national drinking water standards and requirements increase along with the chemicals required to treat the water. Fluoride was a recent addition to our water system and is a significant increase to treatment costs. One of the benefits of keeping our infrastructure in good repair helps us lower operation costs and have fewer water service disruptions for customers.

**Stream-lining Building Permits...** is a citywide electronic system process improvement that will be available this next year. Permit tracking, status and coordination between departments will be automated. Applicants will be able to submit plan requests and check status of permits on-line. City departments involved in plan review processes will have the ability to review plans electronically. These process changes will provide a significant level of improved service for property owners, developers and design professionals seeking city building permits.

# RECOMMENDED

## WATER UTILITY ENTERPRISE FUND



### SUMMARY OF MAJOR BUDGET ISSUES

The recommended budget for the Water Fund for fiscal year 2008-2009 illustrates an increase in all expenditures by \$2.9 million or 4.25%.

#### ↳ 4% Rate Increase for Infrastructure and Maintaining Cash Reserve Balance

A rate increase while always undesirable is necessary to keep our infrastructure replacement program alive and help maintain a healthy cash balance to cover seasonal variation in revenue stream. This increase translates to a \$13.57 per year residential jump or just \$1.13 per month. Under an average weather year will generate a \$2.1 million overall revenue increase.

Rate Schedule	Current City Rates	Proposed City Rates
Service Fee	\$7.15	\$7.43
First Tier	\$0.85	\$0.88
Second Tier	\$1.30	\$1.35
Third Tier	\$1.81	\$1.88
Ave. Residential bill	\$339.43 annual	\$353.00 annual

#### ↳ \$1.9 Million Purchase of Adjacent Office Operation Space

The current Reagan Building purchased in the 1990's for temporary office space needs to be replaced and the current administration building is running out of usable office space for growth. Also the shops complex and office complex were built in the 1960's and are currently requiring additional maintenance. Plus the possible purchase of the property by a developer could cause future operational issues for our 24 hour shop complex.

#### ↳ Metropolitan Water District

This budget includes an anticipated increase in the cost of treated water from the Metropolitan Water District with water rates going from \$188 per AF to \$200 per AF at an additional cost of \$536,000.

Future rate increases are expected for each of the next three years:

2009-10	\$213 af	6 ½%	2012-13	\$233 af	3%
2010-11	\$219 af	3%	2013-14	\$240 af	3%
2011-12	\$226 af	3%	2014-15	\$247 af	3%

## RECOMMENDED

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### Analysis of Estimated Revenue

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

Revenue	Amended Budget 2007-2008	Proposed Budget 2007-2008	Difference	Percent
Charges for services	\$48,676,822	\$50,232,000	\$1,155,178	3.19%
Interest	450,000	450,000	0	0.00%
Interfund charges	2,308,000	2,308,000	0	0%
Sale of used equipment	50,000	50,000	0	0.00%
Impact fees	546,000	500,000	(46,000)	(8.42%)
Contributions by Developers	1,405,000	905,000	(500,000)	(35.59%)
Bond proceeds	9,600,000	0	(9,600,000)	(100.00%)
Use of Reserve Funds	6,617,357	18,166,388	11,549,031	174.53%
<b>TOTAL</b>	<b>\$69,653,179</b>	<b>\$72,611,388</b>	<b>\$2,958,209</b>	<b>4.25%</b>

Revenue from Charges for Services: The proposed budget includes the 4% water rate increase to continue our capital improvement program and keep up with inflation. The budget also includes an adjustment for Tanner Ditch agreement which is in negotiations in the amount of <\$728,000> to obtain the 3.19% increase.

Interest Income: No change over the last year is expected.

Interfund Charges and Other Reimbursements: The Water Utility processes bills and handles customer service complaints for the Sewer, Stormwater and the Refuse Fund. We do not anticipate a change in this area.

Contributions by Developers: Accounting standards require contributions by developers to be classified as non-operating revenue. Last year we received \$500,000 contribution toward the construction of the Granite Oaks Reservoir which was one time occurrence.

Impact Fees: Impact fees are expected to be only 46,000 less than last year as we expect local economic conditions to slow.

Reserve Funds: A transfer from the reserve fund is expected this year as the capital improvements program and last years bond proceeds will be expended on capital projects.

## RECOMMENDED

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### Analysis of Proposed Expenditures

The expenditure budget for the Department is proposed to increase by \$2,958,209 or 4.25% over the 2007 - 2008 budgets. The proposed budget for fiscal year 2008 - 2009 by major category is as follows:

Major Expenditure Category	Amended Budget 2007-2008	Proposed Budget 2008-2009	Difference	Percent
Personal services	\$15,415,699	\$16,321,254	\$905,555	5.87%
Materials and supplies	2,289,460	2,323,370	33,910	1.48%
Charges for services	23,059,020	23,861,464	802,444	3.48%
Debt service	3,580,000	3,592,000	12,000	0.34%
Capital outlay	2,805,000	3,396,400	591,400	21.08%
Capital improvement program	22,504,000	23,116,900	612,900	2.72%
<b>TOTAL</b>	<b>\$69,653,179</b>	<b>\$72,611,388</b>	<b>\$2,958,209</b>	<b>4.25%</b>

Personal Services: The proposed budget includes a projected 3% salary increase along with a 14% insurance benefits increase. Engineering positions were also adjusted to market causing a prior year shortfall for the overall adjustment of 5.87%.

Materials & Supplies: The proposed budget for materials and supplies will increase slightly in the amount of \$33,910 for the following reasons:

- \* Decrease in water repair materials (\$30,000)
- \* Increase in postage due to proposed rate increase \$10,450
- \* Increase in chemicals \$51,500
- \* Increase in special forms and printing costs \$3,200
- \* Increase in computer purchases \$18,000
- \* decrease in the cost of bus passes of (\$11,000) as a
- \* transfer to Charges and Services.
- \* Other reductions (\$8,240)

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

- \* Increase of \$ 536,000 for water purchases and treatment from the Metropolitan Water District. The District has raised the price of an acre foot of water by \$12.

## RECOMMENDED

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- \* Increase in the Payment in Lieu-of-Taxes to the City of \$50,300.
- \* Increase in equipment rental to maintain safety standards \$51,500.
- \* Increase in utility costs power and gas \$35,182.
- \* Increase in computer maintenance software contracts \$20,700.
- \* Increase in fleet costs \$135,000.
- \* Other various decreases of <\$26,238>.

Capital Outlay: The proposed budget for fiscal year 2008 - 2009 includes capital outlay for the replacement of vehicles and heavy equipment that has been increased due to the fact that purchases have been delayed over the last two years.

Capital Improvement Program: The Department's proposed budget for fiscal year 2008 - 2009 includes capital projects as follows:

<b>Proposed Capital Improvement Program for Fiscal Year 2007-2008</b>	
<b>Type of Project</b>	<b>Budget Amount</b>
Replacement of water lines and hydrants	\$11,469,900
Reservoirs	1,650,000
Treatment plants	1,300,000
Wells	300,000
Maintenance buildings	850,000
Water meter replacement	750,000
Meter change out program	500,000
Culverts, flumes & bridges	450,000
Water stock purchases	30,000
Land purchases	2,900,000
Landscaping & Conservation Projects	270,000
Service Line Replacement & new connection	1,400,000
Pumping Plant Upgrades	1,247,000
<b>Total 2007-2008 Capital Improvement Program</b>	<b>\$23,116,900</b>

The major change in capital is the increase in general replacement of water lines compared to preceding years. This budget includes \$6.4 million to upgrade water lines in the Tanner area. Additional funding is requested for the purchase of the Wasatch Electric Property which is located next door to our Southwest corner of our shop area estimated cost \$1.9 million. Also requested is funding for upgrades to two pump stations and maintenance to two existing Distribution Reservoirs. Service line and water meter replacement continues to move forward.

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# RECOMMENDED

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## SEWER UTILITY ENTERPRISE FUND



### SUMMARY OF MAJOR POLICY ISSUES

The Department's Recommended Sewer Utility Budget for fiscal year 2008 - 2009 shows a decrease in expenditures \$2,925,062 or 10.6%. However, the decrease is generally related to fewer capital projects.

- ↳ Sewer Reclamation Plant Continues to Upgrade – Odor control and secondary treatment are the main plant upgrades planned. Significant changes and upgrades are still planned in 2 years that could require a \$10 million bond issue.
- ↳ Trunk Line Master Plan Study– This \$800,000 study is part of the sewer master plan to examine the major trunk lines in the City with emphasis on the Northwest Quadrant and major trunk lines into the treatment plant. The study will update the needs and capacity requirements expected from growth and changes taking place in the greater Salt Lake area..
- ↳ Rates will not increase this Year – Although rates are not changing for the next fiscal year budget, a rate hike is recommended for 2010-11 in preparation of additional treatment plant needs and a \$10 million bond issue that will be needed to continue a strong capital improvement program.

<b>Future Planned Rate Increases</b>	
2010	0%
2011	4%
2012	4%
2013	4%



# RECOMMENDED

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## Analysis of Revenue

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

Revenue	Amended Budget 2006-2007	Proposed Budget 2007-2008	Difference	Percent
Sewer Services Fees	\$ 15,800,000	\$ 16,500,000	\$ 700,000	4.43%
Interest	400,000	400,000	-	0.00%
Permits	85,000	85,000	-	0.00%
Other	157,000	157,000	-	0.00%
Impact Fees	382,000	350,000	(32,000)	(8.38%)
Contribution by Developers	500,000	500,000	-	0.00%
Sale of Property	10,000	10,000	-	0.00%
Reserve Funds	10,149,914	6,556,852	(3,593,062)	(35.40%)
<b>TOTAL</b>	<b>\$ 27,483,914</b>	<b>\$ 24,558,852</b>	<b>\$(2,925,062)</b>	<b>(10.64%)</b>

### Explanation of revenue

Sewer service fees: With no rate change this year revenue is expected to only show a moderate growth.

Interest Income: Interest income is expected to remain similar to last years.

Permit fees: No change.

Other income: No change.

Impact Fees: These fees are expected to drop some as the economy continues to slow.

Reserve Funds: Reserve funds of \$6,556,852 will be required to provide the additional financing gap needed to assist with our capital funding. These funds are from prior year earnings.

# RECOMMENDED

## Analysis of Expenditures

The expenditure budget for the Department is proposed to decrease (\$2,925,062) or (10.6%) over the 200 - 2008 budget. The proposed budget for fiscal year 2008 - 2009 by major category is as follows:

Major Expenditure Category	Amended Budget 2006-2007	Proposed Budget 2007-2008	Difference	Percent
Personal services	\$ 6,538,043	\$ 6,849,872	\$ 311,829	4.77%
Materials and supplies	1,341,210	1,306,010	(35,200)	(2.62%)
Charges for services	3,182,561	3,358,970	176,409	5.54%
Debt services	1,935,000	1,935,000	-	0.00%
Capital improvements	12,969,000	8,662,000	(4,307,000)	(33.21%)
Capital outlay	1,518,100	2,447,000	928,900	61.19%
<b>TOTAL</b>	<b>\$ 27,483,914</b>	<b>\$ 24,558,852</b>	<b>\$ (2,925,062)</b>	<b>(10.64%)</b>

Personal Services: The proposed budget includes a projected 3% salary increase along with a 14% insurance benefits increase. Engineering positions were also adjusted, but with a prior year budget shortfall helps increase the overall difference to 4.77%.

Materials & Supplies: The proposed budget for materials and supplies decreased (\$35,200) most of the change is in repair materials from \$100,000 to \$60,000 as past history has shown that repair material use is only half the normal budget. Many categories did move up or down slightly as budgets were adjusted to match actual costs as much as practical.

Charges for Services: The services increased \$176,409 in the following areas. Department proposes the following budget changes to the charges and service area as follows:

- \* Professional and technical services increased \$129,500 for outside contracting to clean sewer lines.
- \* Communications contracts increased \$26,000 for our share of maintaining the City-wide radio system.
- \* Travel increased \$15,000 for special training required to work with the cogen (alternative power) equipment at the reclamation plant.
- \* Fleet maintenance costs increased \$10,000.
- \* Administrative service fees went up \$5,000.
- \* Software maintenance fees increased \$4,200.

## RECOMMENDED

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- \* Other charges and services saw a small increase of \$2,009 mostly for computer and electrical maintenance.
- \* Telephone costs increased \$800.
- \* PILOT (payment in lieu of taxes) dropped (\$16,100) to City government which is a mirror of the increase or decrease in Sewer revenue.

Debt Service: - The annual debt service is expected to remain the same.

Capital Outlay: - The proposed capital outlay budget increases \$928,900 mainly with a million dollar increase in heavy duty field equipment along with the normal vehicles purchase of about \$400,000. There is about \$240,000 for the Utility's share of purchasing a new radio and phone system in other equipment and about \$500,000 for normal treatment plant equipment replacements.

Capital Improvements: - The proposed capital improvements budget decreases \$4.7 million. For new plant upgrades there is \$3.6 million for plant equipment such as odor control and secondary treatment expansion. There is \$4.9 million allocated for sewer collection lines in the city which is business as usual. For repair shops there is a major repair for the lab heating and air conditioning and new roof.

Listed below by category are the general project types that are budgeted for fiscal 2008-09

Type of Project	Budget Amount
Land	\$ 0
Maintenance and repair shops	520,000
Lift Stations	50,000
Treatment Plant	3,610,000
Collection Lines	4,297,000
Landscaping	185,000
Total 2007 - 2008 Capital Improvement Program	<b>\$8,662,000</b>

# RECOMMENDED

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## STORMWATER UTILITY ENTERPRISE FUND



WE ALL LIVE DOWNSTREAM

### SUMMARY OF MAJOR BUDGET ISSUES

The recommended budget for the Stormwater Fund for fiscal year 2008 – 2009 depicts decreases for all costs by (\$1,571,736) or 15 %. The major change outside of normal capital replacement is a special study of the Riparian Corridor for \$600,000.

- ↳ A special drainage study for \$600,000 is set to review the City's Riparian Corridor created on January 15, 2008 by City Council ordinance. The Riparian Corridor Overlay District was created to protect vegetative zones around above ground streams, to minimize erosion, stabilize the banks, protect water quality, fish and wildlife habitat and preserve the esthetic values of the natural watercourses. The study will help the department establish protocols to achieve a reasonable balance between the residential users and the riparian area.
- ↳ Again no rate increase proposed this year. However, a future rate change of 3% is suggested by the department's advisory council for the next fiscal year 2009-10. This change would generate \$157,350 and will keep the cash reserves at a reasonable level. The Stormwater Fund has not had any rate increases since inception in 1990 when the stormwater function was converted to an enterprise fund on a pay-as-you-go basis. Additional rate increases are planned to maintain the capital improvement program.

Future Planned Rate Increases	
2011	3%
2012	3%
2013	3%
2014	3%

# RECOMMENDED

## Analysis of Estimated Revenue

An analysis of the estimated revenue contained in the utility's recommended budget for the Stormwater Fund is as follows.

Revenue	Amended Budget 2007-2008	Proposed Budget 2008-2009	Difference	Percent
Operating Sales	\$ 5,245,000	\$ 5,245,000	\$ 0	0.00%
Interest	150,000	150,000	0	0.00%
Impact fees	220,000	200,000	(20,000)	(9.09%)
Contributions by Developers	516,000	516,000	0	0.00%
Other	10,000	10,000	0	0.00%
From (To) Reserves	4,319,466	2,767,730	(1,551,736)	(35.92%)
<b>TOTAL</b>	<b>\$10,460,466</b>	<b>\$8,888,730</b>	<b>\$(1,571,736)</b>	<b>(15.03%)</b>

Operating Sales: - Total sales expected to remain unchanged this year.

Interest Income: Interest returns are expected to be comparable to last year.

Impact Fees: A slowing economy will likely translate to less impact fees.

Contributions by Developers: No change is expected.

Other Fees: No change is expected.

Reserve Funds: - Past funds are needed to provide the \$2.7 million gap financing to assist with capital projects that current revenue cannot fully provide.

## Analysis by Proposed Expenditures

The expenditure budget for the Department is proposed to decrease \$(1,571,736) or 15% over the 2007-2008 budgets. The proposed budget for fiscal year 2008 - 2009 by major expenditure category is as follows:

Major Expenditure Category	Amended Budget 2007-2008	Proposed Budget 2008-2009	Difference	Percent
Personal services	\$ 1,643,089	\$ 1,725,139	\$ 82,050	4.99%
Materials and supplies	109,650	111,700	2,050	1.87%
Charges for services	1,379,861	1,915,891	536,030	38.85%
Debt Service	600,000	600,000	-	0.00%
Capital improvements	6,545,866	3,908,000	(2,637,866)	(40.30%)
Capital equipment	182,000	628,000	446,000	245.05%
<b>TOTAL</b>	<b>\$10,460,466</b>	<b>\$ 8,888,730</b>	<b>\$ (1,571,736)</b>	<b>(15.03%)</b>

## RECOMMENDED

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Personal Services: The proposed budget includes a projected salary and benefit increase of the \$82,050 with no change in personnel.

Materials & Supplies: The proposed budget for materials and supplies increases by \$2,050 with a combination of slight increases in computer supplies and stationary.

Charges & Services: This has increased by \$536,030 in the various categories listed below:

- \* Increase of \$600,000 for studies to review the City's Riparian Corridor
- \* Decrease in other professional and technical costs of \$(69,250)
- \* Increase of \$21,000 for City data processing costs
- \* Decrease of \$(15,300) for payment in lieu of taxes to the General Fund.
- \* Decrease in the Citywide financial system assessment of \$(5,000)
- \* Increase \$1,200 in employee transit passes.
- \* Decrease in travel and training of \$(520)
- \* Increase in various other costs of \$3,900

Debt Service: The amount of debt service will remain the same for several years.

Capital Equipment: The proposed capital equipment budget increases 245% from \$120,000 to \$628,000 to purchase a replacement vactor truck at \$260,000, backhoe for \$75,000 and two dump trucks for \$100,000.

Capital Improvements: The proposed budget of \$3,908,000 is actually fairly unremarkable. Gladiola street 29<sup>th</sup> west (5<sup>th</sup> South to 18<sup>th</sup> South) will be a \$500,000 project with \$750,000 for the Oil Ditch Pump Station near North Salt Lake as the major projects this year. This capital Improvement budget is only about half of the 2007-08 budget.

The capital improvement budget for 2008 – 2009 includes projects as follows:

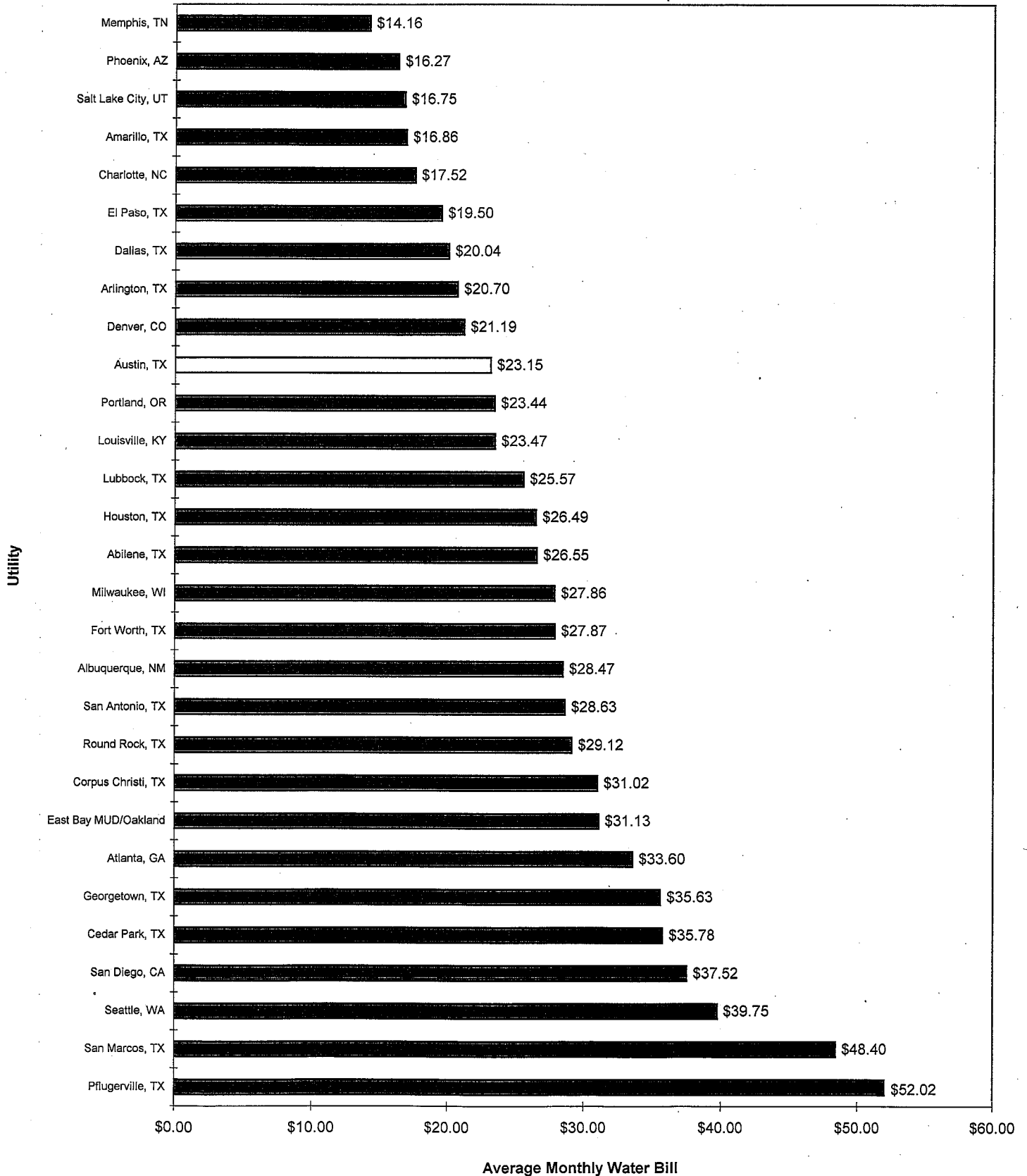
Type of Project	Budget Amount
Land	\$ 250,000
Lift Stations	\$ 850,000
Collection Lines	\$ 2,808,000
Total 2006 – 2007 Capital Improvement Program	\$ 3,908,000

# AVERAGE MONTHLY BILL COMPARISON - WATER INSIDE CITY RESIDENTIAL CLASS Existing Rates - (Austin Average Water Consumption)

Historical Monthly  
Averages

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
6,400	6,200	6,400	6,800	8,100	9,300	10,600	12,900	11,800	9,400	7,400	6,700

MONTHLY ANNUALIZED AVERAGE 8,500  
GALLONS



PUBLIC UTILITIES DEPARTMENT  
AREA WATER RATE COMPARISON - FEBRUARY, 2008

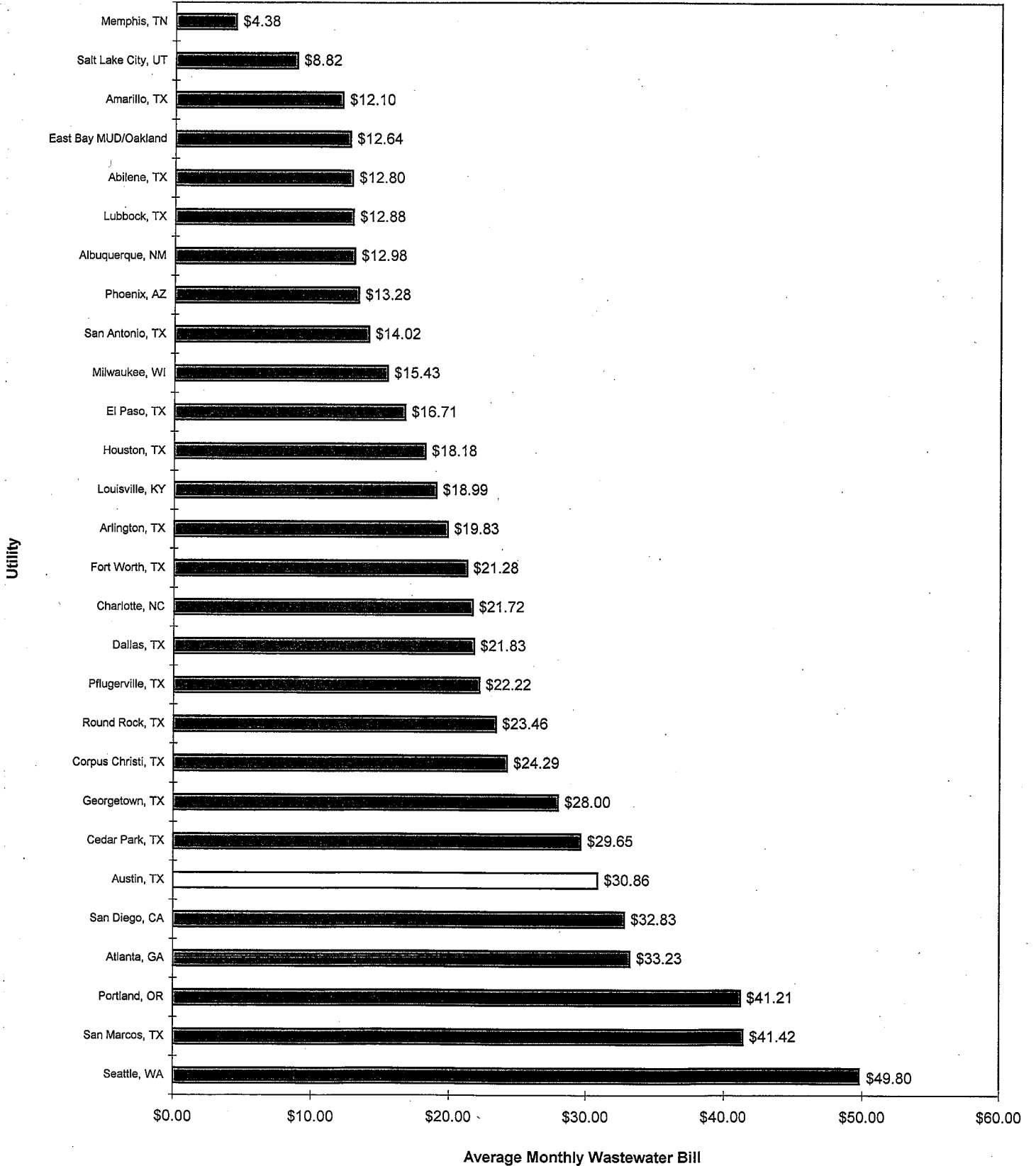
RANKING	CITY OR DISTRICT NAME	MONTHLY MINIMUM CHARGE	MINIMUM ALLOWANCE IN GALLONS	TOTAL WINTER CHARGES*	TOTAL SUMMER CHARGES*	YEARLY TAX ON \$300,000 PROPERTY	TOTAL CHARGES
1	PARK CITY - GRADUATED RATES (1)	16.82	0	310.49	363.78		674.27
2	SOUTH JORDAN CITY - GRADUATED RATES (2)	31.19	0	336.89	274.58		611.47
3	MAGNA - GRADUATED RATES (3)	13.23	6,000	133.61	150.01	268.60	552.22
4	SANDY CITY - OUTSIDE OF CITY	27.36	8,000	225.28	264.35		489.63
5	KEARNS IMPROVEMENT DIST-GRADUATED RATES (4)	8.00	0	162.74	210.60	90.88	464.22
6	SANDY CITY - INSIDE OF CITY	19.72	8,000	164.16	219.77	70.00	453.93
7	DRAPER CITY	22.58	5,000	213.77	224.39		438.16
8	SALT LAKE CITY - OUTSIDE OF CITY	9.46	0	166.88	249.88		416.76
9	CITY OF SOUTH SALT LAKE	16.05	5,000	180.51	210.05		390.56
10	SALT LAKE CITY - INSIDE OF CITY (7)	7.15	0	125.20	184.92	70.00	380.12
11	OGDEN CITY - GRADUATED RATES (5)	11.09	0	160.46	193.91		354.38
12	JVWCD	2.50	0	88.82	146.91	80.00	315.73
13	GRANGER - HUNTER IMPROVEMENT DISTRICT	14.50	10,000	116.00	138.83	60.80	315.63
14	WEST JORDAN CITY	14.34	0	167.38	141.61		308.99
15	RIVERTON CITY	19.14	10,000	153.12	146.24		299.36
16	MURRAY CITY	6.68	0	116.64	171.36		288.00
17	TAYLORSVILLE/BENNION IMPROVEMENT DISTRICT	2.00	0	90.80	127.68	14.60	233.08
18	PLEASANT GROVE - GRADUATED RATES (6)	9.00	5,000	95.81	136.04		231.85
19	AMERICAN FORK	15.00	10,000	120.00	101.81		221.81
20	OREM	9.91	0	112.19	92.30		204.49
21	BOUNTIFUL CITY - RESIDENTIAL HIGH ELEVATION	7.88	5,000	82.88	107.26		190.14
22	PROVO	7.30	0	87.04	90.64		177.68
23	BOUNTIFUL CITY - RESIDENTIAL LOW ELEVATION	7.15	5,000	75.06	96.77		171.83

- (1) RATES ARE \$2.10/THOUSAND FOR 0-5,000 GALLONS, \$3.36/THOUSAND FOR 5,001-30,000 GAL IN SUMMER AND \$2.94/THOUSAND IN WINTER.  
(2) RATES ARE \$1.46/THOUSAND FOR 0-10,000 GALLONS AND \$1.64/THOUSAND FOR 10,001-28,000 GAL  
(3) RATES ARE \$13.23 FOR 0-6,000 GALLONS, \$1.21/THOUSAND FOR 6,001-18,000 GALLONS, & \$1.36/THOUSAND FOR 18,001-35,000 GALLONS  
(4) RATES ARE \$1.65/THOUSAND FOR 0-10,000 GALLONS, \$2.02/THOUSAND FOR 10,001-25,000 GALLONS, & \$2.87/THOUSAND FOR 25,001-45,000 GALL  
(5) RATES ARE \$1.00/THOUSAND FOR 0-5,000 GALLONS, \$1.60/THOUSAND FOR 5,001-10,000 GAL, & \$1.75/THOUSAND FOR 10,001-25,000 GAL.  
(6) RATES ARE \$9.00 FOR 0-5,000 GALLONS, \$1.20/THOUSAND FOR 5,001-10,000 GALLONS, \$1.30/THOUSAND FOR 10,001-15,000 GALLONS, & \$1.40/1.  
(7) INCLUDES METROPOLITAN WATER PROPERTY TAX



# AVERAGE MONTHLY BILL COMPARISON - WASTEWATER INSIDE CITY RESIDENTIAL CLASS Existing Rates - (Austin Average Wastewater Flow)

Historical Monthly Averages	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTHLY ANNUALIZED AVERAGE
	4,700	4,700	4,900	5,100	5,100	5,200	5,200	5,300	5,200	5,000	4,800	4,800	5,000 GALLONS



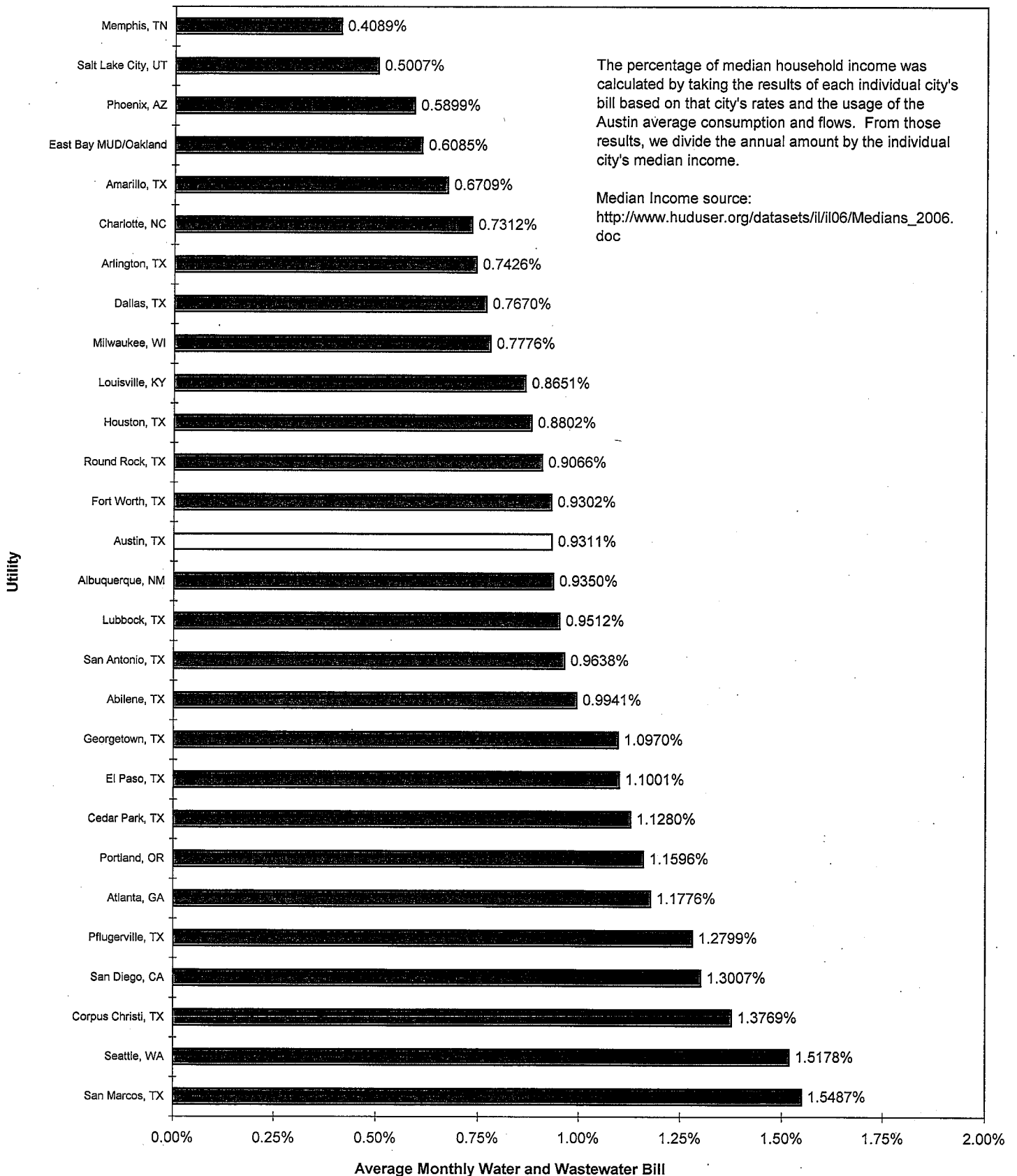
SALT LAKE CITY  
PUBLIC UTILITIES DEPARTMENT  
SEWER RATE COMPARISONS - FEBRUARY 2008

RANKING	NAME	PERIOD WINTER	MINIMUM RATE MONTHLY	RATE PER 1,000 GALS	ANNUAL FEES + SEWER	YEARLY LEVY PROPERTY ON \$200,000	TOTAL COST ANNUAL
1	SANDY SUBURBAN IMPROVEMENT DISTRICT	FLAT	13.54	0.00	162.48	178.60	341.08
2	MAGNA CITY	FLAT	17.71	0.00	212.52	64.80	277.32
3	KEARNS IMPROVEMENT DISTRICT	FLAT	21.21	0.00	254.52	22.72	277.24
4	GRANGER - HUNTER IMPROVEMENT DISTRICT	FLAT	16.00	0.00	192.00	60.80	252.80
5	SOUTH VALLEY IMPROVEMENT DISTRICT	FLAT	20.50	0.00	246.00	NONE	246.00
6	CITY OF SOUTH SALT LAKE	NOV-APR	0.00	3.30	236.97	NONE	236.97
7	MURRAY CITY **	NOV-APR	5.53	2.19	223.62	NONE	223.62
8	OGDEN CITY	FLAT	17.35	0.00	208.20	NONE	208.20
9	WEST JORDON CITY **	DEC-MAR	9.55	1.00	186.41	NONE	186.41
10	COTTONWOOD IMPROVEMENT DISTRICT	FLAT	12.00	0.00	144.00	41.00	185.00
11	TAYLORSVILLE-BENNION IMPROVEMENT DISTRICT **	NOV-MAR	2.50	1.25	119.76	14.60	134.36
12	SALT LAKE CITY	NOV-MAR	5.28	1.76	126.38	NONE	126.38
13	SLC SUBURBAN SANITARY DISTRICT #2	FLAT	10.00	0.00	120.00	1.60	121.60
14	SLC SUBURBAN SANITARY DISTRICT #1	FLAT	6.00	0.00	72.00	34.80	106.80
15	SOUTH DAVIS SEWER DISTRICT	FLAT	5.00	0.00	60.00	NONE	60.00

\* ANNUAL COST BASED ON 12 MONTHS @ 5,984 GALLONS PER MONTH AVERAGE WINTER WATER CONSUMPTION.  
FLAT RATE BASED ON MONTHLY RATE MULTIPLIED BY 12.

\*\* INCLUDES MONTHLY BASE RATE

# Water and Wastewater Bill as a Percent of Median Household Income INSIDE CITY RESIDENTIAL CLASS (Austin Average Consumption and Flows)



PUBLIC UTILITIES DEPARTMENT  
 AREA STORM WATER RATE COMPARISON - FEBRUARY, 2008

RANKING	CITY OR DISTRICT NAME	MONTHLY CHARGE
1	MAGNA	5.05
2	SANDY CITY	5.00
3	SOUTH JORDAN CITY	5.00
4	OGDEN CITY	4.64
5	OREM	4.50
6	PROVO	4.03
7	AMERICAN FORK	4.00
8	DRAPER CITY	4.00
9	TAYLORSVILLE CITY	4.00
10	MURRAY CITY	3.55
11	BOUNTIFUL CITY	3.00
12	PLEASANT GROVE	3.00
13	SALT LAKE CITY	3.00

**WATER UTILITY  
ENTERPRISE FUND  
BUDGET SUMMARY  
FY 2009-11**

SOURCES	ACTUAL 2007-08	AMENDED BUDGET 2007-08	PROJECTED ACTUAL 2007-08	Rate increase 4%	Rate increase 4%	Rate increase 4%
				PROPOSED BUDGET 2008-09	FORECAST BUDGET 2009-10	FORECAST BUDGET 2010-11
<b>REVENUES</b>						
METERED SALES	\$52,978,291	\$48,676,822	\$49,000,000	\$50,232,000	\$52,241,280	\$54,330,931
INTEREST INCOME	1,796,820	450,000	450,000	450,000	300,000	100,000
OTHER REVENUES	2,536,322	2,308,000	2,308,000	2,308,000	2,308,000	2,308,000
<b>TOTAL REVENUES</b>	<b>\$57,311,433</b>	<b>\$51,434,822</b>	<b>\$51,758,000</b>	<b>\$52,990,000</b>	<b>\$54,849,280</b>	<b>\$56,738,931</b>
<b>OTHER SOURCES</b>						
GRANTS & OTHER RELATED REVENUES	\$307,986	\$1,405,000	\$1,405,000	\$905,000	\$905,000	\$905,000
IMPACT FEES	1,580,016	546,000	546,000	500,000	500,000	500,000
OTHER SOURCES	265,501	50,000	50,000	50,000	50,000	50,000
BOND PROCEEDS	0	9,600,000	7,000,000	0	0	0
<b>TOTAL OTHER SOURCES</b>	<b>\$2,153,503</b>	<b>\$11,601,000</b>	<b>\$9,001,000</b>	<b>\$1,455,000</b>	<b>\$1,455,000</b>	<b>\$1,455,000</b>
<b>TOTAL SOURCES</b>	<b>\$59,464,936</b>	<b>\$63,035,822</b>	<b>\$60,759,000</b>	<b>\$54,445,000</b>	<b>\$56,304,280</b>	<b>\$58,193,931</b>
<b>EXPENSES &amp; OTHER USES</b>						
<b>EXPENDITURES</b>						
PERSONAL SERVICES	\$14,911,084	\$15,415,699	\$15,415,699	\$16,321,254	\$16,810,888	\$17,315,215
OPERATING & MAINTENANCE	2,285,026	2,289,460	2,289,460	2,323,370	2,337,698	2,384,429
TRAVEL & TRAINING	42,432	53,239	53,239	53,239	54,304	55,387
UTILITIES	1,667,094	1,898,756	1,898,756	1,933,938	1,972,617	2,012,067
PROF & CONTRACT SERVICES	2,457,189	2,464,501	2,464,501	2,587,251	2,638,996	2,691,775
DATA PROCESSING	336,416	469,000	469,000	489,700	499,494	509,484
FLEET MAINTENANCE	1,010,145	1,050,000	1,050,000	1,185,000	1,208,700	1,232,874
ADMINISTRATIVE SERVICE FEE	625,328	660,000	660,000	650,000	663,000	676,260
PAYMENT IN LIEU OF TAXES	262,847	320,700	320,700	371,000	378,420	385,988
METRO. WATER PURCH & TREAT	8,190,506	9,064,000	9,064,000	9,600,000	10,223,999	10,512,000
METRO ASSESSMENT (CAPITAL)	7,021,892	7,021,892	7,021,892	7,021,892	7,021,892	7,021,892
OTHER CHARGES AND SERVICES	(305,318)	56,932	56,932	(18,556)	(18,927)	(19,311)
<b>TOTAL EXPENDITURES</b>	<b>\$38,504,641</b>	<b>\$40,764,179</b>	<b>\$40,764,179</b>	<b>\$42,518,088</b>	<b>\$43,791,081</b>	<b>\$44,778,060</b>
<b>OTHER USES</b>						
CAPITAL OUTLAY	\$1,615,953	\$2,805,000	\$2,465,000	\$3,396,400	\$1,700,000	\$1,930,000
CAPITAL IMPROVEMENT BUDGET	10,728,730	22,504,000	12,055,000	23,116,900	9,061,160	8,944,920
DEBT SERVICES	2,836,492	3,580,000	3,150,000	3,580,000	3,580,000	3,580,000
<b>TOTAL OTHER USES</b>	<b>\$15,181,175</b>	<b>\$28,889,000</b>	<b>\$17,670,000</b>	<b>\$30,093,300</b>	<b>\$14,341,160</b>	<b>\$14,454,920</b>
<b>TOTAL USES</b>	<b>\$53,685,816</b>	<b>\$69,653,179</b>	<b>\$58,434,179</b>	<b>\$72,611,388</b>	<b>\$58,132,241</b>	<b>\$59,232,980</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>						
	\$5,779,120	(\$6,617,357)	\$2,324,821	(\$18,166,388)	(\$1,827,961)	(\$1,039,049)
<b>OPERATING CASH BALANCES</b>						
BEGINNING JULY 1	\$17,970,846	\$23,749,966	\$23,749,966	\$26,074,787	\$7,908,399	\$6,080,438
ENDING JUNE 30	\$23,749,966	\$17,132,609	\$26,074,787	\$7,908,399	\$6,080,438	\$5,041,389
Cash Reserve Ratio			64%	19%	14%	11%
Operating cash balance is defined as total cash less restricted amounts for bond covenants and outstanding accounts payable.						
Metropolitan water rates per acre ft.	\$175	\$188	\$188	\$200	\$213	\$219
Watershed increase request				Plus 50¢ base rate		

## WATER UTILITY CASH FLOW

	ACTUAL YEAR 2006-2007	CURRENT YEAR 2007-2008	BUDGET YEAR 2008-2009	BUDGET YEAR 2009-2010	BUDGET YEAR 2010-2011	BUDGET YEAR 2011-2012	BUDGET YEAR 2012-2013	BUDGET YEAR 2013-2014
WATER SALES	52,978,292	49,000,000	50,232,000	52,241,280	54,330,931	56,354,168	58,608,335	60,952,669
OTHER INCOME	2,590,126	2,308,000	2,308,000	2,308,000	2,308,000	2,308,000	2,308,000	2,308,000
INTEREST INCOME	1,796,820	450,000	450,000	300,000	100,000	100,000	100,000	100,000
OPERATING INCOME	57,365,238	51,758,000	52,990,000	54,849,280	56,738,931	58,762,168	61,016,335	63,360,669
METROPOLITAN WATER ACCESSIONMENT	-7,021,892	-7,021,892	-7,021,892	-7,021,892	-7,021,892	-7,021,892	-7,021,892	-7,021,892
METROPOLITAN WATER PURCHASES	-8,190,506	-9,064,000	-9,600,000	-10,224,000	-10,512,000	-11,526,000	-12,116,000	-12,480,000
OPERATING EXPENDITURES	-23,292,244	-24,678,287	-25,896,196	-26,545,189	-27,244,168	-27,962,226	-28,699,775	-30,227,281
NET INCOME EXCLUDING DEP.	18,860,596	10,993,821	10,471,912	11,058,199	11,960,871	12,252,050	13,178,668	13,631,496
OTHER RECEIPTS / BOND PROCEEDS		7,000,000	0	0	0	7,900,000	0	0
IMPACT FEES	1,580,016	546,000	500,000	500,000	500,000	500,000	500,000	500,000
OTHER CONTRIBUTIONS	519,433	1,455,000	955,000	955,000	955,000	955,000	955,000	955,000
CAPITAL OUTLAY	-1,615,953	-2,465,000	-3,396,400	-1,700,000	-1,930,000	-1,780,000	-1,695,000	-1,680,000
WATERSHED PURCHASES	-1,638,275	-1,000,000	-1,000,000	-1,000,000	-1,000,000	-1,000,000	-1,000,000	-1,000,000
DEBT SERVICE	-2,836,242	-2,850,000	-2,880,000	-2,880,000	-2,880,000	-2,880,000	-2,880,000	-2,880,000
DEBT SERVICE (NEW)	0	-300,000	-700,000	-700,000	-700,000	-1,490,000	-1,490,000	-1,490,000
OTHER INCOME & EXPENSE	-3,991,021	2,386,000	-6,521,400	-4,825,000	-5,055,000	2,205,000	-5,610,000	-5,595,000
AVAILABLE FOR CAPITAL	14,869,575	13,379,821	3,950,512	6,233,199	6,905,871	14,457,050	7,568,668	8,036,496
CAPITAL IMPROVEMENTS	-9,090,455	-11,055,000	-22,116,900	-8,061,160	-7,944,920	-14,375,200	-6,881,300	-8,060,000
CASH INCREASE/(DECREASE)	5,779,120	2,324,821	-18,166,388	-1,827,961	-1,039,049	81,850	687,368	-23,504
BEGINING CASH BALANCE	17,970,846	23,749,966	26,074,787	7,908,399	6,080,438	5,041,389	5,123,240	5,810,608
CASH INCREASE/(DECREASE)	5,779,120	2,324,821	-18,166,388	-1,827,961	-1,039,049	81,850	687,368	-23,504
ENDING BALANCES	\$23,749,966	\$26,074,787	\$7,908,399	\$6,080,438	\$5,041,389	\$5,123,240	\$5,810,608	\$5,787,103
WATER DEBT SERVICE COVERAGE	6.65	3.49	2.93	3.09	3.34	2.80	3.02	3.12
RATE CHANGE	4.00%	5.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
ANNUAL RESIDENTIAL WATER BILL (1997=\$180.00)	\$336.19	\$339.43	\$353.00	\$367.12	\$381.81	\$397.08	\$412.96	\$429.48
Cash Reserve Ratio	61.68%	63.96%	18.60%	13.89%	11.26%	11.02%	12.15%	11.64%
Metropolitan water rate	175.00	188.00	200.00	213.00	219.00	226.00	233.00	240.00
Metropolitan water purchases in acre feet	46,802.89	48,212.77	48,000.00	48,000.00	48,000.00	51,000.00	52,000.00	52,000.00
Water Supplied in Million Gallons	32,588.22	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
Revenue per million gallons	1,625.69	1,633.33	1,674.40	1,741.38	1,811.03	1,878.47	1,953.61	2,031.76
Actual Revenue Change		-0.628609%	2.514286%	4.000000%	4.000000%	3.723914%	4.000000%	4.000000%

2

Salt Lake City Corporation  
 Department of Public Utilities  
**WATER CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
 2008 thru 2014

Last Update  
 3/11/2008

COST CENTER	PROJECT NUMBER	DESCRIPTION	Growth %	FEET OF PIPE	FISCAL YR 2007-08	FISCAL YR 2008-09	FISCAL YR 2009-10	FISCAL YR 2010-11	FISCAL YR 2011-12	FISCAL YR 2012-13	FISCAL YR 2013-14	PROJECTS DELAYED
51-03301-03301	2710.10	LAND										
		WATERSHED PROPERTY			1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	
		WASATCH ELECTRIC PROPERTY NEXT DOOR TO SHOP AREA				1,900,000						
					1,000,000	2,900,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0
51-03301-03301	2710.30	WATER RIGHTS & SUPPLY										
		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	30,000	30,000	0
51-01301-02201	2772.10	MAINTENANCE & REPAIR SHOPS - 2720.10										
		SHOPS CONVERSION-Roof replacement				300,000						
		SHOPS CONVERSION-Interior piping				500,000						150,000
		ROTARY PARK RECONSTRUCTION				25,000						
		NEW RESTROOMS - AREA 26 & 28			28,000							
		LITTLE DEL PRAVILLION FOR LARGE GROUPS				5,000						
		VARIOUS RESTROOM REPLACEMENTS			40,000		40,000		40,000		40,000	
		CITY CREEK HOUSE UPGRADE				20,000						
					68,000	850,000	40,000	0	40,000	0	40,000	150,000
51-01301-00701	2772.10	TREATMENT PLANTS - 2720.30										
		CITY CREEK										
	512276	CITY CREEK - TREATMENT PLANT UPGRADE		25%	185,000							1,500,000
		NEW PLUMBING OF CLARIFIER FOR OVERFLOW			70,000							
	5122611	CITY CREEK DRYING BED BERM REPAIR			45,000							
	51410062	FLOORING PROJECT CITY CREEK			49,000							
		SED BASINS - SEISMIC - COLLECTORS										5,000,000
		ABOVE GRADE SEISMIC										5,000,000
		UV SYSTEM										5,000,000
		REPLACE ALL OLD LARGE LINES										5,000,000
		SLUDGE BEDS - LINING & VALVES										5,000,000
		SEDIMENTATION BASIN ROOF REPAIR				50,000						900,000
		DRAINAGE AND SLUDGE LINE SEPARATION AND REHAB				200,000						
		CITY CREEK GALLERY PIPE PAINT										
		CITY CREEK SLUDGE LINE CIPP										
		CITY CREEK BIKE TRAIL FROM GUARD STATION TO PLANT (4 MILES - 12 FEET WIDE)					50,000			300,000		
		PARLEY'S										
		LITTLE DELL SPRING AREA										
	5124480	FERRIC FEED PUMPS			12,000							
		SLUDGE BEDS - LINING & VALVES										900,000
		UV SYSTEM								50,000	750,000	
		PRECURSOR/ TASTE & ODOR CONTROL										1,000,000
		5-10 MG FINISHED WATER RESERVOIR										3,000,000
		SLUDGE LINE				500,000						
		DAM SLEEVE VALVE		BOND				1,000,000	2,000,000			
		BIG COTTONWOOD										
	51262723	CHEMICAL FEETER REPLACMENT			70,000							
		HYPOCHLORINE SYSTEM				500,000						
		SLUDGE BEDS - LINING & VALVES										900,000
		BIG COTTONWOOD - SEISMIC UPGRADE (SEDIMENTATION BASIN)										6,000,000
		MILLCREEK TREATMENT PLANT		100%								6,000,000
					431,000	1,300,000	0	1,000,000	2,300,000	50,000	750,000	31,200,000
51-01301-01301	2772.10	PUMPING PLANTS AND PUMP HOUSES - 2720.35										
		7000 SOUTH PUMP PLANT #PS0420			90,000							
	51361637	6200 SOUTH IRRIGATION PUMP STATION			50,000							
		7800 SOUTH PUMP STATION		100% IMPACT FE		500,000						
		LITTLE WILLOW PUMP STATION EXPANSION		100% IMPACT FE	500,000							
	51341635	AUTOMATIC GRATE CLEANING SYSTEM FOR PUMP STATION INTAKE - 6200 South			180,000							
		MOTOR RESEARCH PARK PUMP STATION		100%		12,000						
		AUXILIARY POWER FOR EAST BENCH PUMP STATION				85,000						
		NORTH BENCH PUMP STATION		50% BOND					900,000			
		VICTORY ROAD		20%								1,800,000
		UPPER BOUNDARY SPRINGS										500,000
		OLYMPUS COVE PUMP STATION FROM PARLEY'S COVE				600,000						
		UPGRADE BUILDING STRUCTURES - ONE PER YEAR			100,000	50,000	50,000	50,000	50,000	50,000	50,000	
					920,000	1,247,000	50,000	50,000	950,000	50,000	50,000	2,300,000

Salt Lake City Corporation  
 Department of Public Utilities  
**WATER CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
 2008 thru 2014

Last Update  
 3/11/2008

COST CENTER	PROJECT NUMBER	DESCRIPTION	Growth %	FEET OF PIPE	FISCAL YR 2007-08	FISCAL YR 2008-09	FISCAL YR 2009-10	FISCAL YR 2010-11	FISCAL YR 2011-12	FISCAL YR 2012-13	FISCAL YR 2013-14	PROJECTS DELAYED
51-01301-	2773.10	<b>CULVERTS FLUMES &amp; BRIDGES - 2730.02</b>										
00101	512967	INTERCONNECT FOR SL JORDAN & EAST JORDAN CANALS			300,000							
00101		REPLACE LINER FOR CANAL - ALTA VIEW ESTATES			28,000							
00101		REPLACE DIVERSION FLUME AT APPROX. POINT OF THE MOUNTAIN/CAMP WILLIAMS				200,000						
00101		MEASURING DEVICES FOR JSL AND EJ CANALS					70,000					
00101		WILMINGTON DIVERSION				200,000						400,000
00101	5129199	VARIOUS LOCATIONS			50,000	50,000	50,000	50,000	50,000	50,000	50,000	
					378,000	450,000	50,000	120,000	50,000	50,000	50,000	400,000
51-01301-	2773.10	<b>DEEP PUMP WELLS - 2730.04</b>										
		4TH AVENUE WELL IMPROVEMENT				200,000						
01301	5132235	MICK RILEY & PIPELINES										4,000,000
01301	5132241	RED BUTTE	100%									1,200,000
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										500,000
01301		6200 SOUTH REHAB										200,000
01301	5132240	3900 SOUTH HIGHLAND DRIVE	100%									2,000,000
01301		SUGAR HOUSE WELL - UPGRADE AND TREATMENT SYSTEM -- Listed under Treatment			100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
01301		UPGRADE BUILDING STRUCTURES - ONE PER YEAR			100,000	300,000	100,000	100,000	100,000	100,000	100,000	10,900,000
51-01301-	2773.10	<b>STORAGE RESERVOIRS - 2730.06</b>										
01301		LITTLE DELL PAINTING OF CONDUIT		MWD		500,000						
00801	5124472	MT DEL VALVE REPLACEMENT										2,000,000
00801		MT DEL SLEEVE VALVE INCLUDING ELECTRICAL PANEL										2,000,000
01301		LITTLE DELL GUNITE REPAIR										
01301		LITTLE DELL SCADA										
01301		LITTLE DELL FLOW METER										
					0	500,000	0	0	0	0	0	4,000,000
51-01301-	2773.10	<b>DISTRIBUTION RESERVOIRS - 2730.07</b>										
01301		PARK RESERVOIR			15,000							
01301	51344155	MOUNT OLYMPUS, EAST - FULL INTERIOR PAINTING & STRUCTURE			175,000							
01301	51344461	EASTWOOD RESERVIOR -- 300,000 gallon south tank			150,000							
01301		GRANITE OAKS RESERVIOR	100%	IMPACT F	700,000							
01301		MILITARY RESERVOIR ROOF REPLACEMENT				250,000						4,000,000
01301		RESERVOIR INSPECTION OF TEN SITES (CORROSION CONTROL CONTRACT)				50,000						
01301		BASKIN RESERVOIR ROOF REPAINTING				800,000						
01301		FT. DOUGLAS SEISMIC UPGRADE -- NEED TO SCOPE THIS PROJECT OUT										2,000,000
01301		UPPER BOUNDARY TANK REPAINTING					200,000					
01301	51344122	1300 EAST REPLACEMENT & DEMO										5,000,000
01301	5134454	4500 SOUTH 2700 EAST RESERVOIR -- DESIGNED BUT NEVER BUILT	20%									5,000,000
01301		MISCELLANEOUS REPAIRS			50,000	50,000	50,000	50,000	50,000	50,000	50,000	
					1,090,000	1,150,000	250,000	50,000	50,000	50,000	50,000	16,000,000
51-01301-	2773.10	<b>DISTRIBUTION MAINS &amp; HYDRANTS - 2730.08</b>										
		<b>CITY, COUNTY, STATE AND MISC. DRIVEN PROJECTS</b>										
01301		RAMBLER ROAD (1100 WEST) - SIGNORA DR (705 N) TO AMERICAN BEAUTY		325	37,000							
01301		1300 SOUTH VIADUCT - 500 WEST TO 700 WEST		1,600	30,000							
01301	513504993	900 EAST - 900 SOUTH TO 2100 SOUTH (6" DOUBLE MAINED - OLD PIPE, 7 BREAKS)			27,200	160,000						
01301	513504985	500 EAST - 900 SOUTH TO 1300 SOUTH		3,200	250,000							
01301	513504973	TRAX INTERMODAL HUB			10,000							
01301	513504984	WESTSIDE RAILROAD REALIGNMENT			300,000							
01301		ALPINE PLACE (930 S) - GILMER DRIVE (APPROX. 1120 E) TO CUL-DE-SAC END				14,000						
01301		DOUGLAS STREET (1240 E) - 400 SOUTH TO 500 SOUTH				64,000						
01301		HARVARD AVENUE (1110 S) - 1300 EAST TO 80 FEET WEST OF NORMANDIE CIRCLE				24,400						
01301		HERBERT AVENUE (1045 S) - 200 EAST TO 300 EAST				62,000						
01301		PRINCETON AVENUE (1125S) - 700 EAST TO 800 EAST				16,000						
01301		YALE AVENUE (1080 S) - 1700 EAST TO 1900 EAST				128,000						
01301		YALE AVENUE (1080S) - 700 EAST TO 800 EAST				32,000						
01301		YALECREST AVENUE (1080 S) - 1500 EAST TO 1700 EAST				128,000						
01301		900 SOUTH - 700 EAST TO 1100 EAST		3,200				200,000				
01301		700 SOUTH - 4400 WEST TO 5600 WEST		9,600				100,000				



Salt Lake City Corporation  
 Department of Public Utilities  
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01301		100 SOUTH - 500 WEST TO 600 WEST		800						100,000		
01301		CALIFORNIA AVENUE (1330 S) - 4800 WEST TO 5600 WEST		6,400								1,000,000
01301		1300 EAST - SOUTH TEMPLE TO 500 SOUTH		4,000								100,000
01301		GLADIOLA STREET (3400 W) - 500 SOUTH TO CALIFORNIA AVENUE (1330 S)		6,640								200,000
01301		1300 SOUTH - GLENDALE DRIVE (1350 W) TO APPROX. 1380 WEST		600								
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								
01301		VARIOUS PROJECTS			100,000	100,000	100,000	100,000	100,000	100,000	100,000	
					887,000	568,400	100,000	100,000	400,000	200,000	100,000	1,300,000
		<b>WATER MAIN MISCELLANEOUS PROJECTS</b>										
01301	513800010	NEW MAINLINE VALVES - COUNTY			65,000	65,000	65,000	65,000	65,000	65,000	65,000	
01301	514000007	WATER MAIN REPLACEMENTS			100,000	100,000	100,000	100,000	100,000	100,000	100,000	
01301	514000007	DONATED LINES			100,000	100,000	100,000	100,000	100,000	100,000	100,000	
01301	513800009	NEW MAINLINE VALVES - CITY			125,000	125,000	125,000	125,000	125,000	125,000	125,000	
01301	513700009	FIRE HYDRANT REPLACEMENTS			250,000	250,000	250,000	250,000	250,000	250,000	250,000	
01301		REGULATOR REPLACEMENT			100,000	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	500,000	
					1,290,000	1,240,000	1,240,000	1,240,000	1,240,000	1,240,000	1,240,000	0
		<b>WATER MAIN REPLACEMENTS</b>										
01301	513301875	SANDPIPER WAY (1370 E) - 1390 EAST TO SPRING LANE (5150 S)		909	85,000							
01301	513301935	CREEK ROAD (WILLOW STREAM DRIVE (2105 E) TO APPROX. 3296 EAST)			900,000							
01301	513504734	G4-3 1200 EAST - MILTON AVENUE (1595 S) TO LOGAN AVENUE (1610 S) (CANCEL)		595	1,000							
01301	513504997	MARMALADE SUDIVISION			5,000							
01301	513301953	3300 SOUTH - 530 EAST TO 700 EAST - UNDER CONTRACT		1,190	238,000							
01301	513301937	2000 EAST - EVERGREEN AVENUE (TO 2700 SOUTH & TREATMENT		7,500	935,000							
01301	513505015	SOUTH TEMPLE (1-15 TO 900 WEST)			180,000							
01301		VARIOUS			67,000							
01301	513504846	300 WEST 500 NORTH TO 600 NORTH		815		325,000						
01301	513504847	G4-6 500 WEST - 450 NORTH TO 500 NORTH		460		120,000						
01301	513504849	G4-6 200 NORTH - 400 WEST TO 500 WEST		855		250,000						
01301	513301759	MATHEWS WAY (4115 E) - ZARAHEMLA DRIVE (4215 E) TO CUMORAH DRIVE		1,015		120,000						
01301	513504714	G5-4 BROADMOOR (2640 E) - WASATCH DRIVE (1920 S) TO 2100 SOUTH		1,090		120,000						
01301	513504888	G5-4 BELAIR DRIVE (2910 E) - SCENIC DRIVE (2278 S) TO GLENOAKS DRIVE		1,164		128,000						
01301		PARLEY'S POINT				50,000						
01301	513509151	CREEK ROAD (8200 S) - ROYAL LANE (2400 E) TO APPROX. 3296 E		8,600		1,720,000						
01301	513504991	NORTH TEMPLE - REDWOOD ROAD TO ORANGE STREET - DESIGNED		1,275		140,500						
01301		VARIOUS				238,000						
01301	513504830	G5-2 BONNEVILLE DRIVE (2700 E) - ST. MARY'S WAY (1200 S) TO OAKILLS W		545			65,400					
01301	513504947	HUNTSMAN RESEARCH HOSPITAL - HANOVER DRIVE (360 NORTH) TO FORT		4,300		750,000						
01301	513504804	G5-2 STANSBURY WAY (2654 E) - OQUIRRH DRIVE (1186 S) TO CRESTVIEW		960		115,200						
01301	513504830	G5-2 ALTON WAY (2820 E) - OQUIRRH DRIVE (1186 S) TO 1146 SOUTH - DES		633		75,960						
01301	513504880	G5-2 OAKHILLS WAY (2745 E) - CRESTVIEW DRIVE (1010 S) TO ST MARY'S W		1,759		211,080						
01301	513504882	G5-2 OQUIRRH DRIVE (1185 S) - ST MARY'S WAY (2912 E) TO OAKHILLS WA		1,481		177,720						
01301	513504959	G9-1 "I" STREET (600 E) - ALOHA AVENUE (710 N) TO THIRTEENTH AVENUE		570		68,400						
01301	513504992	G9-1 NORTHCREST DRIVE (815 N) - ALOHA STREET (710 N) TO TERRACE HI		1,990		246,000						
01301	513504960	G9-1 SIXTEENTH AVENUE (820 N) - "J" STREET TO LITTLE VALLEY ROAD (86		1,780		325,000						
01301	513504708	G9-1 17TH AVENUE (850 N) - HILLTOP ROAD (845 E) TO LITTLE VALLEY ROA		2,190		262,800						
01301	513504963	G9-1 18TH AVENUE (900 N) - 670 EAST TO LITTLE VALLEY ROAD (860 E)		1,665		225,000						
01301	513504993	G9-1 "G" STREET (500 E) - THIRTEENTH AVENUE (650 N) TO FOURTEENTH A		333		56,000						
01301	513504961	G9-2 DESOTO STREET (45 E) - ZANE AVENUE (530 N) NORTH TO THE END		1,385		166,200						
01301	513504962	G9-2 COLUMBUS STREET (1 E) - GIRARD AVENUE (540 N) NORTH TO THE EI		1,100		132,000						
01301	513505002	G9-3 CUMORAH DRIVE (4420 S) - ABINADI ROAD (4160 E) TO HELAMAN CIRC		560		67,200						
01301	513505003	G9-3 GILEAD WAY (4460 S) - ZARAHEMLA DRIVE (4215 E) TO END OF STREE		1,420		170,400						
01301	513505004	G9-3 ZARAHEMLA DRIVE (4215 S) - CUMORAH DRIVE (4420 E) TO 4490 S		950		114,000						
01301	513505007	G9-5 MACINTOSH LANE (7335 S) - WINESAP ROAD (7330 S) TO RACQUET CL		1,750		210,000						
01301		VARIOUS				82,800						
				25,371		3,521,160						
01301	513301880	G9-4 SANTA ROSA AVENUE (3325 S) - SANTA ROSA DRIVE (3275 E) TO EL SE		980			117,600					
01301	513301880	G9-4 LOS ALTOS STREET (3370 E) - SANTA ROSA AVENUE (3325 S) TO DEL		740			88,800					
		513301880	G9-4 PLAZA WAY (3320 E) - SANTA ROSA AVENUE (3325 S) TO APPROX. 3378 SOUTH	480			57,600					
01301	513301920	G9-4 MONZA DRIVE (3680 S) - WASATCH BOULEVARD (3565 E) TO MILLCREST ROAD		510			61,200					
01301	513301956	CUMMINGS ROAD (3450 S) - EL SERRITO DRIVE (3425 E) TO VIRGINIA STREET (3470		495			59,400					
01301	513301956	VIRGINIA STREET (3470 E) - CUMMINGS ROAD (3450 S) TO MILLCREEK CANYON ROA		690			82,800					

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 Department of Public Utilities  
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01301		LAURELCREST STREET (3185 E) - CRAIG DRIVE (3640 S) TO UPLAND DRIVE (3760 S)		1,100				132,000				
01301		2930 EAST/2955 EAST - FORT UNION BOULEVARD (7000 S) TO 7230 SOUTH		1,530				183,600				
01301		JONATHON DRIVE (7310 S) - PIPPIN DRIVE (3570 E) TO THE END OF WINESAP CIRCL		966				115,920				
01301		HOLLY HOCK AVENUE (7180 S) - SAGEBRUSH WAY (3165 E) TO WATERMILL WAY (32		570				68,400				
01301		SUNDRIFT CIRCLE (7230 S) - 2890 EAST TO END OF THE CIRCLE		800				96,000				
01301		3050 EAST - FORT UNION BOULEVARD (7000 S) TO 7070 SOUTH		380				45,600				
01301		NUTMEG STREET (7145 S) - NUTTREE DRIVE (3325 E) TO PINE CONE STREET (3250 E)		445				53,400				
01301		DEARBORN STREET (1460 E) - PARKWAY AVENUE (2455 S) TO STRATFORD AVENUE		1,020				122,400				
01301		BEVERLY STREET (1380 E) - STRATFORD AVENUE (2560 E) TO 2700 SOUTH		1,020				122,400				
01301		CHADWICK STREET (1420 E) - PARKWAY AVENUE (2455 S) TO STRATFORD AVENUE		1,010				121,200				
01301		4135 SOUTH/SHANNA STREET - 2700 EAST TO 4140 SOUTH		1,200				144,000				
01301		OLYMPUS DRIVE (4155 S) - CORAL STREET (2600 E) TO 2700 EAST		660				79,200				
01301		3100 EAST - UPLAND DRIVE (3760 S) TO DEL MAR DRIVE (3825 S)		575				69,000				
01301		EVERGREEN AVENUE (3435 S) - 3170 EAST TO 2890 EAST		1,750				210,000				
01301		3175 EAST - 3300 SOUTH TO EVERGREEN AVENUE (3435 S)		2,050				246,000				
01301		CELESTE WAY (3370 S) - 3175 EAST TO EVERGREEN AVENUE (3435 S)		1,020				122,400				
01301		VARIOUS						206,000				
				19,991				2,604,920				
01301		APOLLO DRIVE (4135 S)/4100 SOUTH - WASATCH BOULEVARD (3565 E) TO J		1,380					165,600			
01301		ACHILLES DRIVE (3565 E) - APOLLO DRIVE (4135 S) TO HERMES DRIVE (4175 S)		750					90,000			
01301		DIANA WAY (3535 E) - APOLLO DRIVE (4135 S) TO HERMES DRIVE (4175 S)		810					97,200			
01301		MARS WAY (3610 E) - APOLLO DRIVE (4135 S) TO HERMES DRIVE (4175 S)		610					73,200			
01301		3075 EAST - 3900 SOUTH TO 3960 SOUTH		500					60,000			
01301		3960 SOUTH - 3030 EAST T 3075 EAST		320					38,400			
01301		3030 EAST - 3960 SOUTH TO THE END OF THE STREET		210					25,200			
01301		LISA DRIVE (3215 E) - DELSA DRIVE (3990 S) TO OLYMPIC WAY (3250 E)		960					115,200			
01301		OLYMPIC WAY (3250 E) - SPLENDER WAY (3315 E) TO HAMPTON COURT (4060 S)		610					73,200			
01301		WANDA WAY (4475 S) - PEACH STREET (2810 E) TO THE END OF THE STREET		1,520					182,400			
01301		APPLE BLOSSOM LANE (4600 S) - 2760 EAST TO PEACH STREET ( 2810 E		960					115,200			
01301		7590 SOUTH - 3395 EAST TO 3500 EAST		710					85,200			
01301		DEL VERDE AVENUE (3410 S) - TERRACE VIEW DRIVE TO 3175 EAST		475					57,000			
01301		3170 EAST - EVERGREEN AVENUE (3435 S) TO MILLCREEK CANYON ROAD (3500 S)		835					100,200			
01301		3125 EAST - EVERGREEN AVENUE (3435 S) TO END OF THE STREET		540					64,800			
01301		BARBEY DRIVE (2800 S) - 2570 EAST TO 2700 EAST		1,030					123,600			
01301		WAINWRIGHT ROAD (2605 E) - BARBEY DRIVE (2800 S) TO 2900 SOUTH		960					115,200			
01301		DEVEREAUX WAY (2550 E) - WAINWRIGHT ROAD (2605 S) TO 2900 SOUTH		790					94,800			
01301		2570 EAST - HERITAGE WAY (2760 S) TO BARBEY DRIVE (2800 S)		300					36,000			
01301		2900 SOUTH - DEVEREAUX WAY (2550 E) TO 2700 EAST		720					86,400			
01301		2880 SOUTH - 2870 EAST TO APPROX. 2730 EAST/SOUTH TO LOUISE AVENUE (2020		1,250					150,000			
01301		2960/2965 SOUTH - 2790 EAST TO GRACE STREET (3100 E)		2,100					252,000			
01301		U OF U - 22" WSP IN FRONT OF OSBORNE HALL NORTH THROUGH PARKING LOT		400					48,000			
01301		VIRGINIA STREET (1345 E) - CRESTLINE CIRCLE (350 N) TO FIFTH AVENUE (250 N)		720					86,400			
01301		FOOTHILL DRIVE (2100 E) - 900 SOUTH TO 1300 SOUTH		780					93,600			
01301		VARIOUS							136,400			
01301				20,240					2,565,200			
01301		BISCAYNE DRIVE (2975 E) - BENGAL BOULEVARD (7800 S) TO OAKVIEW CIRCLE (772		620						80,600		
01301		AVONDALE DRIVE (3700 E) - 7650 SOUTH TO APPROX. 3623 EAST (END OF EXTENSIO		890						115,700		
01301		CREST OAK DRIVE (3680 E) - BROCKBANK DRIVE (4435 S) TO EAST CLIFF DRIVE (436		1,086						141,180		
01301		PIN OAK (3680 E) - OAKVIEW DRIVE (4275 S) TO SPRUCE DRIVE (4360 S)		610						79,300		
01301		PARK HILL DRIVE (3565 E) - EASTOAKS DRIVE (4450 S) TO FORTUNA WAY (4725 S)		380						49,400		
01301		FORTUNA WAY (4725 S) - PARK HILL DRIVE (3565 E) TO BROCKBANK DRIVE (3560 E)		1,210						157,300		
01301		200 EAST - 400 SOUTH TO 500 SOUTH (EAST SIDE)		665						86,450		
01301		MICHIGAN AVENUE (980 S) - 1300 EAST TO 1500 EAST		1,635						212,550		
01301		HIDDEN OAKS DRIVE (3370 E) - RUSSELL PARK DRIVE (8850 S) NORTH TO TH		1,260						163,800		
01301		GRAND OAK DRIVE (3485 E) - RUSSELL PARK ROAD (8850 S) TO 8740 SOUTH		755						98,150		
01301		SUPERNAL WAY (3615 E) - TOP OF THE WORLD DRIVE (3675 E) TO LORA LEE CIRCL		810						105,300		
01301		2500 EAST - CHALET ROAD (8030 S) TO 8200 SOUTH		1,340						174,200		
01301		MORNINGSIDE DRIVE (4060 S) / 3075 E - DELSA DRIVE (3990 S) TO PINETREE DRIVE		900						117,000		
01301		ENCHANTED HILLS DRIVE (7510 S) - MAGIC HILLS DRIVE (3450 E), WEST TO END OF		1,700						221,000		
01301		MOUNTAIN ESTATES DRIVE (3355 E) - BENGAL BOULEVARD (7800 S) TO 7635 SOUTH		1,100						143,000		
01301		COUNTRY MANOR ROAD (7620 S) - 3500 EAST TO COUNTRY HOLLOW DRIVE (7510 S		1,160						150,800		
01301		VARIOUS								365,570		
				16,121						2,461,300		
		<b>MASTER PLAN PROJECTS</b>										
01301		UPGRADE SYSTEM FOR FIRE PROTECTION - BIG COTTONWOOD	20%		500,000	6,400,000						



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02201		1 TON HD CAB & CHASSIS W/SELF CONTAIN WELDER & BED		31082		45,000						
02201		3/4 TON EXT CAB 4X4 SHORT BED W/SHELL			27,000							
02401		1/2 TON 4X4 EXT CAB SHORT BED		3080		40,000						
02401		1 TON W/UTILITY SERVICE BODY			30,000							
02401		3/4 TON PICKUP TRUCK 4X4 W/UTILITY BED		3041		40,000						
02501		1/2 TON PICKUP EXT CAB - HYBRID			31,800							
02601		VAN OR ESCAPE - ELECTRONIC METER READING - HYBRID			33,000							
02601		1/2 TON PICKUP EXT CAB - HYBRID			31,800	31,800						
02601		1/2 TON PICKUP EXT CAB - HYBRID			0	31,800						
01501		3/4 TON 4X4 W/UTILITY BED			28,000							
01701		1 TON HD C&C W/DUMP BED		31041		35,500						
01601		1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID			33,000							
01601		1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID			33,000							
01601	Replace 308	1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID		30860		33,000						
01601	Replace 366	1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID		3073		33,000						
02801		1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID			31,800	31,800						
02801		1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID			31,800	31,800						
03001		SUV 4X4 - HYBRID		3151		33,000						
					993,500	1,443,700	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0
	2750.30	FIELD MAINT EQUIPMENT - MOTIVE										
		VARIOUS IMPROVEMENTS					200,000	200,000	200,000	200,000	200,000	
00101		D R MOWER		NEW	5,000							
00101		REAR TOW MOWER				10,000						
00101		BACKHOE (Exchange)		EXCHANGE	7,900	7,900						
00101		TRACTOR/MOWER			34,000							
00101		TRANSPORT TRAILER		3839		30,000						
00101		TRACK EXCAVATOR		3702		68,000						
01701		TRANSPORT TRAILER		3740	25,000	30,000						
01701		TRANSPORT TRAILER		3657	25,000	30,000						
01701		BACKHOE 4X4		38770	100,000	100,000						
01701		BACKHOE 4X4		38760	100,000	100,000						
01701		BACKHOE EXCHANGE PROGRAM		EXCHANGE	64,000	88,000						
01801		MOWER			15,000							
00601		HAZARDOUS SPILL TRAILER - NEW		NEW	8,000							
					383,900	463,900	200,000	200,000	200,000	200,000	200,000	0
	2760.10	PUMP PLANT EQUIPMENT - WIP 2774.10										
02501		VARIOUS IMPROVEMENTS			100,000			100,000	100,000	100,000	100,000	
02501		BRINTON SPRINGS (Re-build Pump)				38,000						
02501		13TH & 27TH WELL MOTOR CONTROL				80,000						
02501		MT. OLY MOTER CONTROL					80,000					
02501		6200 SOUTH VFD						27,000				
02501		DYER'S INN WELL (New Motor)										
02501		REPLACE POWER TRANSFORMER EAST BENCH PUMP STATION				30,000						
02501		PUMPS & MOTOR BIRCH DR PUMP STATION		20%		16,000						
02501		MOTOR RESEARCH PARK PUMP STATION		100%		12,000						
02501		UPPER ELLISON (AIR COOLING UNIT)					8,000					
02501		UPPER ELLISON (MOTOR REPLACEMENT)					50,000					
02501		MT OLYMPUS SOFT START #3				8,000						
02501		BASKIN RES (ELECTRIC VALVE OPERATOR)				8,000						
02501		EAST BENCH PS (MOTOR CONTROL CENTER)				80,000						
02501		EAST BENCH PS (UPGRADE #5 TO VERTICAL TURBINE))				25,000						
02501		EAST BENCH PS (SOFT START FOR #5)				10,000						
02501		EAST BENCH PS (SOFT START FOR #8)				10,000						
02501		OAKHILLS PS (UPGRADE #1 TO 125 HP MOTOR)					15,000					
02501		OAKHILLS PS (VFD)					30,000					
02501		45TH SOUTH PS (UPGRADE #1 - PUMP, MOTOR, VFD)					20,000					
02501		MT. OLYMPUS PS (SOFT START FOR #5)				10,000						
02501		MILITARY PUMP STATION (STANDBY GENERATOR AND EQUIP)										
					100,000	327,000	230,000	100,000	100,000	100,000	100,000	0

Salt Lake City Corporation  
 Department of Public Utilities  
**WATER CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
 2008 thru 2014

Last Update  
 3/11/2008

COST CENTER	PROJECT NUMBER	DESCRIPTION	Growth %	FEET OF PIPE	FISCAL YR 2007-08	FISCAL YR 2008-09	FISCAL YR 2009-10	FISCAL YR 2010-11	FISCAL YR 2011-12	FISCAL YR 2012-13	FISCAL YR 2013-14	PROJECTS DELAYED
	2760.20	TREATMENT PLANT EQUIPMENT - WIP 2774.10										
		VARIOUS						200,000	200,000	200,000	200,000	
00701		TOXIMETER UPGRADE										
00701		FORT DOUGLAS RESERVOIR CIRCULATION UNIT			38,000							
00701		MOTORIZED GATE AT PLANT UPPER ENTRANCE			4,000							
00701		MAG METERS FOR PLANT EFFLUENT			10,000							
00701		BBE FISH MONITOR			30,000							
00701		SHED AT OLD FUEL PAD			4,000							
00701		BW TANK REHAB				25,000						
00701		FLUORIDE SAFETY METERS				7,500						
00701		CHEMICAL FEED SCALES				15,000						
00701		LOWER POLY BUILDING HEATERS				17,000						
00701		PAINTING FILTER GALLERY				50,000						
00801		REPLACE 30' BUTTERFLY VALVE				25,000						
00801		FLUORIDE SAFETY METERS										
00801		CHEMICAL FEED SCALES				20,000						
00801		KMNO4 FEEDER REPLACEMENT					80,000					
00801		PANEL ROOM CHARTS						50,000				
00801		FERRIC FEED PUMPS PARLEYS TREATMENT PLANT			12,000							
00801		HEATING SYSTEM PARLEYS			52,000							
00801		SECURITY SYSTEM UPGRADE					25,000					
00801		VALVE HOUSE REHAB (INCLUDING STAIRS)						50,000				
00801		LAB COUNTER, SINK, CABINETS, HOOD			75,000							
00801		FLASH MIXERS						50,000				
00801		CARBON FEED SYSTEMS			25,000							
00801		NAOCL GENERATION UNIT ELECTRICAL PLATE ASSEMBLY (2)			50,000							
00801		HYPOCHLORITE CHEMICAL FEED CONTROL PANELS AND VFD ASSEMBLY LIES			35,000							
00801		RADIO TELEMETRY EQUIPMENT FOR SOLAR BEE			10,000							
00801		SECURITY NIGHT VISION CAMERAS			50,000							
00801		CONFINED SPACE ENTRY AIR BLOWER			20,000							
00801		BBE FISH MONITOR			30,000							
00801		CHEMICAL FEED SCALES				25,000						
00801		FLUORIDE CONTAINMENT				15,000						
00901		CHEMICAL FEED SCALES				15,000						
00901		RECIRCULATION PUMPS (5)				100,000						
00901		PLC FILTER BUILDING				40,000						
00901		FLUORIDE CONTAINMENT				50,000						
00901		PLANT FLOW METER / MONTERING SITE				65,000						
00901		STUDY TO REPLACE OR REPAIR INTAKE STRUCTURE				15,000						100,000
00901		BACKWASH GATES REPLACED ON ALL FILTERS										45,000
00901		REPLACE ENTRANCE GATES AT LOWER END OF PLANT								15,000		
00901		MOTORIZED GAGE AND FENCE			10,000							
00901		FLUORIDE BUILDING TELEMETRY			20,000							
00901		ON-LINE INSTRUMENTATION					50,000					
00901		FLUORIDE SAFETY METERS				7,500						
00801		CHEMICAL FEED SCALES				20,000						
					473,000	512,000	75,000	330,000	300,000	215,000	200,000	145,000
	2760.30	TELEMETRY EQUIPMENT										
01501		TELEMETRY IMPROVEMENTS			25,000	50,000	50,000		50,000	50,000	50,000	
01501		SCADA SYSTEM REPLACEMENT						100,000				
					25,000	50,000	50,000	100,000	50,000	50,000	50,000	0
	2760.50	OFFICE FURNITURE & EQUIPMENT										
03201		VARIOUS					50,000	50,000	50,000	50,000	50,000	
01301		COPIER					15,000					
02701		BILLING COMPUTER						70,000				
02901		COPIER			10,000							
02801		UPGRADE SWITCH VIEW SERVER				30,000						

Salt Lake City Corporation  
 Department of Public Utilities  
**WATER CAPITAL IMPROVEMENT PROJECTS**  
 SIX YEAR PROPOSAL  
 2008 thru 2014

Last Update  
 3/11/2008

COST CENTER	PROJECT NUMBER	DESCRIPTION	Growth %	FEET OF PIPE	FISCAL YR 2007-08	FISCAL YR 2008-09	FISCAL YR 2009-10	FISCAL YR 2010-11	FISCAL YR 2011-12	FISCAL YR 2012-13	FISCAL YR 2013-14	PROJECTS DELAYED
03201		OFFICE FURNITURE				10,000						
03201		SOFTWARE UPGRADE			20,000		30,000	30,000	30,000	30,000	30,000	
03201		TELEPHONE SYSTEM				100,000						
03201		FILE STORAGE SYSTEM			150,000							
03401		ACCELA ADDITIONAL SOFTWARE				40,000						
					180,000	180,000	95,000	150,000	80,000	80,000	80,000	0
	2760.90	OTHER NON-MOTIVE EQUIPMENT										
03201		VARIOUS					50,000	50,000	50,000	50,000	50,000	
01701		EMERGENCY PIPING			100,000							
00101	51341637	TRASH RACK AT 6200 PUMP STATION			45,000							
01501		RADIO UPGRADE - CITY PAYMENT			30,000	280,000						
01501		ANTENNA TOWER FOR SCADA AND RADIO SYSTEM (REPLACEMENT)				10,000						
01501		NEW RADIOS				18,000						
02201		CEMENT MIXERS				12,000						
02201		CAMERA AND RECORDER FOR 700 SOUTH SITE				5,000						
02201		SECURITY CAMERAS FOR SHOP COMPLEX & OFFICE			18,000							
01601		SKID MOUNT PORTABLE VAC SYSTEM			16,000							
01601		NEW DIGITAL LEVEL AND STAND				2,000						
01601		SUB-METER MAPPING GRADE GPS				4,000						
01601		SURVEY GRADE GPS TO REPLACE OLD 4700 (2) \$20000 EACH				40,000						
01601		METROTECH 810DX			5,000	3,200						
01601		LMIC LEAK FINDER \$2800 EACH			5,600	5,600						
01601		SCANNER			5,000							
01601		SOFTWARE UPGRADES ARCVIEW 3X TO ARCGIS \$640 EACH X 5			5,000							
01601		IMAGERY UPDATES LIDAR DATA FOR YEAR 2006			10,000							
02601		HANDHELD METER READING DEVICES				40,000						
03001		GAS DETECTOR REPLACEMENT			70,000							
					309,600	419,800	50,000	50,000	50,000	50,000	50,000	0
		<b>TOTAL CAPITAL OUTLAY</b>			2,465,000	3,396,400	1,700,000	1,930,000	1,780,000	1,695,000	1,680,000	145,000
		<b>TOTAL CAPITAL</b>			\$14,520,000	\$26,513,300	\$10,761,160	\$10,874,920	\$17,155,200	\$9,576,300	\$10,740,000	\$108,275,720

10

**SEWER UTILITY  
ENTERPRISE FUND  
BUDGET SUMMARY  
FY 2009-11**

<b>SOURCES</b>			Rate increase n/a		Rate increase n/a	Rate increase 5%
	ACTUAL 2006-07	AMENDED BUDGET 2007-08	PROJECTED ACTUAL 2007-08	PROPOSED BUDGET 2008-09	FORECAST BUDGET 2009-10	FORECAST BUDGET 20010-11
<b>REVENUES</b>						
METERED SALES	17,692,280	\$15,800,000	\$16,500,000	\$16,500,000	\$16,500,000	\$17,160,000
INTEREST INCOME	1,388,037	400,000	400,000	400,000	300,000	200,000
OTHER REVENUES	247,035	242,000	242,000	242,000	242,000	242,000
<b>TOTAL REVENUES</b>	<b>19,327,352</b>	<b>16,442,000</b>	<b>17,142,000</b>	<b>17,142,000</b>	<b>17,042,000</b>	<b>17,602,000</b>
<b>OTHER SOURCES</b>						
IMPACT FEES	435,185	382,200	382,200	350,000	200,000	200,000
GRANTS & OTHER RELATED REVENUES	3,524,303	500,000	500,000	500,000	500,000	500,000
OTHER SOURCES	21,297	10,000	10,000	10,000	10,000	10,000
BOND PROCEEDS	0	0	0	0	0	0
<b>TOTAL OTHER SOURCES</b>	<b>3,980,785</b>	<b>892,200</b>	<b>892,200</b>	<b>860,000</b>	<b>710,000</b>	<b>710,000</b>
<b>TOTAL SOURCES</b>	<b>\$23,308,137</b>	<b>\$17,334,200</b>	<b>\$18,034,200</b>	<b>\$18,002,000</b>	<b>\$17,752,000</b>	<b>\$18,312,000</b>
<b>EXPENSES &amp; OTHER USES</b>						
<b>EXPENDITURES</b>						
PERSONAL SERVICES	\$5,678,659	\$6,538,043	\$6,538,043	\$6,849,872	\$7,055,368	\$7,267,029
OPERATING & MAINTENANCE	927,810	1,341,210	1,341,210	1,306,010	1,332,110	1,358,727
TRAVEL & TRAINING	13,083	33,294	33,294	48,294	33,960	34,640
UTILITIES	626,876	868,001	868,001	868,801	886,176	903,899
PROF & CONTRACT SERVICES	1,283,569	1,320,250	1,320,250	1,475,750	1,505,265	1,535,371
DATA PROCESSING	178,294	204,000	204,000	208,200	212,364	216,611
FLEET MAINTENANCE	281,376	300,000	300,000	310,000	316,200	322,524
ADMINISTRATIVE SERVICE FEE	124,593	120,000	120,000	125,000	127,500	130,050
PAYMENT IN LIEU OF TAXES	322,887	385,100	385,100	369,000	376,380	383,908
OTHER CHARGES AND SERVICES	(167,888)	(48,084)	(48,084)	(46,075)	(47,181)	(47,896)
<b>TOTAL EXPENDITURES</b>	<b>9,269,259</b>	<b>11,061,814</b>	<b>11,061,814</b>	<b>11,514,852</b>	<b>11,798,142</b>	<b>12,104,863</b>
<b>OTHER USES</b>						
CAPITAL OUTLAY	323,961	1,518,100	958,100	2,447,000	1,122,000	1,843,500
CAPITAL IMPROVEMENT BUDGET	4,892,709	12,969,000	7,984,000	8,662,000	5,010,000	4,985,000
DEBT SERVICES	1,859,381	1,935,000	1,935,000	1,935,000	1,935,000	1,935,000
<b>TOTAL OTHER USES</b>	<b>7,076,051</b>	<b>16,422,100</b>	<b>10,877,100</b>	<b>13,044,000</b>	<b>8,067,000</b>	<b>8,763,500</b>
<b>TOTAL USES</b>	<b>\$16,345,310</b>	<b>\$27,483,914</b>	<b>\$21,938,914</b>	<b>\$24,558,852</b>	<b>\$19,865,142</b>	<b>\$20,868,363</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>						
	\$6,962,827	(\$10,149,714)	(\$3,904,714)	(\$6,556,852)	(\$2,113,142)	(\$2,556,363)
<b>OPERATING CASH BALANCES</b>						
BEGINNING JULY 1	23,271,046	30,233,873	30,233,873	26,329,159	19,772,307	17,659,165
ENDING JUNE 30	30,233,873	20,084,159	26,329,159	19,772,307	17,659,165	15,102,802
Cash Reserve Ratio			238%	172%	150%	125%
Operating cash balance is defined as total cash less restricted amounts for bond covenants and outstanding accounts payable.						(4,194,571)



## SEWER UTILITY CASH FLOW

	ACTUAL YEAR 2006-2007	CURRENT YEAR 2007-2008	BUDGET YEAR 2008-2009	BUDGET YEAR 2009-2010	BUDGET YEAR 2010-2011	BUDGET YEAR 2011-2012	BUDGET YEAR 2012-2013	BUDGET YEAR 2013-2014
SEWER SALES	17,699,428	16,500,000	16,500,000	16,500,000	17,160,000	17,846,400	18,560,256	19,302,666
OTHER INCOME	239,888	242,000	242,000	242,000	242,000	242,000	242,000	242,000
INTEREST INCOME	1,388,037	400,000	400,000	300,000	200,000	100,000	100,000	100,000
OPERATING INCOME	19,327,353	17,142,000	17,142,000	17,042,000	17,602,000	18,188,400	18,902,256	19,644,666
OPERATING EXPENSES	(9,269,259)	(11,061,814)	(11,514,852)	(11,798,142)	(12,104,863)	(12,419,841)	(12,743,309)	(13,125,608)
NET INCOME EXCLUDING DEP.	10,058,094	6,080,186	5,627,148	5,243,858	5,497,137	5,768,559	6,158,947	6,519,058
IMPACT FEES	435,185	382,200	350,000	200,000	200,000	200,000	200,000	200,000
OTHER RECEIPTS/ BOND PROCEEDS		0	0	0	0	10,000,000	0	0
OTHER CONTRIBUTIONS	3,545,600	510,000	510,000	510,000	510,000	510,000	510,000	510,000
CAPITAL OUTLAY	(323,961)	(958,100)	(2,447,000)	(1,122,000)	(1,843,500)	(1,435,000)	(1,480,000)	(1,480,000)
ADDITIONAL DEBT SERVICE						(1,000,000)	(1,000,000)	(1,000,000)
DEBT SERVICE	(1,859,381)	(1,935,000)	(1,935,000)	(1,935,000)	(1,935,000)	(1,935,000)	(1,935,000)	(1,935,000)
OTHER INCOME & EXPENSE	1,797,443	(2,000,900)	(3,522,000)	(2,347,000)	(3,068,500)	6,340,000	(3,705,000)	(3,705,000)
AVAILABLE FOR CAPITAL	11,855,537	4,079,286	2,105,148	2,896,858	2,428,637	12,108,559	2,453,947	2,814,058
CAPITAL IMPROVEMENTS	(4,892,710)	(7,984,000)	(8,662,000)	(5,010,000)	(4,985,000)	(20,935,000)	(6,455,000)	(2,885,000)
CASH INCREASE/(DECREASE)	6,962,827	(3,904,714)	(6,556,852)	(2,113,142)	(2,556,363)	(8,826,441)	(4,001,053)	(70,942)
BEGINING CASH BALANCE	23,271,046	30,233,873	26,329,159	19,772,307	17,659,165	15,102,802	6,276,361	2,275,308
CASH INCREASE/(DECREASE)	6,962,827	(3,904,714)	(6,556,852)	(2,113,142)	(2,556,363)	(8,826,441)	(4,001,053)	(70,942)
ENDING BALANCES	\$30,233,873	\$26,329,159	\$19,772,307	\$17,659,165	\$15,102,802	\$6,276,361	\$2,275,308	\$2,204,366
RATE CHANGE	0.00%	0.00%	0.00%	0.00%	4.00%	4.00%	4.00%	4.00%
ANNUAL RESIDENTIAL SEWER BILL (1990=\$76.80)	121.96	130.50	130.50	130.50	135.72	141.15	146.79	152.66
Cash Reserve Ratio	326%	238%	172%	150%	125%	51%	18%	17%
Impact Fee per ERU	500	500	500	500	500	500	500	500
Number of ERU connections	870	764	700	400	400	400	400	400
Debt Service Coverage	5.41	3.14	2.91	2.71	2.84	2.98	3.18	3.37
REVENUE CHANGE	13.118487%	-0.925678%	0.000000%	0.000000%	4.000000%	4.000000%	4.000000%	4.000000%
OPERATING COST CHANGE	2.577173%	21.224044%	4.095513%	2.460214%	2.599740%	2.602078%	2.604446%	3.000000%



Salt Lake City Corporation  
Department of Public Utilities  
**SANITARY SEWER CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
2006thru 2012

Last Update  
3/10/2008

DESCRIPTION	FEET OF PIPE	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009 - 2010	FISCAL YR 2010 - 2011	FISCAL YR 2011 - 2012	FISCAL YR 2012 - 2013	FISCAL YR 2013 - 2014
<b>LAND</b>								
LAND (BIO SOLID LAND APPLICATION)						500,000		
		0	0	0	0	500,000	0	0
<b>MAINTENANCE &amp; REPAIR SHOPS - 2720.10</b>								
PLANT SECURITY SYSTEM				75,000				
ADMINISTRATIVE BUILDING EXTENSION					150,000			
REROOF AND PAINTING OF DIGESTER CONTROL BUILDING			30,000					
REROOF PUMP PLANT OPERATIONS BUILDING								
REPLACE NATURAL GAS LINE	BOND					600,000		
EAST MAINTENANCE HVAC			150,000					
NEW ROOF & AVAC FOR LAB BUILDING			340,000					
		0	520,000	75,000	150,000	600,000	0	0
<b>LIFT STATIONS - 2720.05</b>								
PUMP STATION AT AIRPORT GATE #1 - AIRPORT (PUMPS AND CONTROL PANEL)								
700 SOUTH 4700 WEST LIFT STATION WET WELL RELINING 15' 4" LONG 8' WIDE 22' DEEP WET WELL		50,000						
PUMP REPLACEMENT		50,000	50,000	50,000	50,000	50,000	50,000	50,000
		100,000	50,000	50,000	50,000	50,000	50,000	50,000
<b>TREATMENT PLANTS - 2720.30</b>								
ODOR CONTROL			500,000	300,000	300,000			
SEISMIC UPGRADE			100,000	100,000		100,000		
SECONDARY TREATMENT EXPANSION		500,000	500,000					
CLARIFIER REBUILD (ONE UNIT PER YEAR)		35,000	35,000	35,000	35,000	35,000	35,000	35,000
PRIMARY CLAIRIFIER	BOND					350,000	3,500,000	
UPGRADE SCADA		100,000	150,000	150,000	150,000	150,000		
COGEN REHAB		420,000						
DIGESTER GAS HOLDER REPLACEMENT	BOND	250,000	750,000	500,000	500,000	500,000		
MECHANICAL DEWATERING SYSTEM					500,000	2,900,000		
ELECTRIC GATE ACTUATOR			50,000			50,000		
ALTERNATIVE DISINFECTION SYSTEM STUDY	BOND	90,000				2,900,000		
PRIMARY SLUDGE SCREEN EQUIPMENT REPLACMENT - ROTO STEP REBUILD		80,000	125,000					
IRON SPONGE			350,000					
OIL DRAIN ALTERNATIVE			50,000					
		1,475,000	3,610,000	1,085,000	1,485,000	6,985,000	3,535,000	35,000
<b>COLLECTION LINES - 2730.14</b>								
<b>CITY, COUNTY, STATE AND MISC. DRIVEN PROJECTS</b>								
GLADIOLA STREET (2900 W) - 500 SOUTH TO 1820 SOUTH (PN 103007)	10,032		100,000	1,000,000				
600 NORTH - 200 WEST TO 300 WEST		100,000						
900 EAST - 1954 SOUTH TO 1972 SOUTH (WEST SIDE)			75,000					
900 EAST - 900 SOUTH TO 2100 SOUTH (MISC REPAIRS NECESSARY) APPROX. 400LF	5,300		215,000					
500 EAST - 900 SOUTH TO 1300 SOUTH			50,000					
ALPINE PLACE - GILMER DRIVE TO CUL-DE-SAC END			10,000					
DALE AVENUE (1120 S) - REDWOOD DRIVE (1510 W) TO GLENDALE DRIVE (1450 W)			10,000					
DOUGLAS STREET - 400 SOUTH TO 500 SOUTH			10,000					
HARVARD AVENUE - 1300 EAST TO 80 FEET WEST OF NORMANDIE CIRCLE			10,000					
HERBERT AVENUE - 200 EAST TO 300 EAST			10,000					
PRINCETON AVENUE - 700 EAST TO 800 EAST			10,000					
NORMANDIE CIRCLE - HARVARD AVENUE TO CIRCLE TERMINUS			10,000					
PRINCETON AVENUE - 1500 EAST TO 1800 EAST			10,000					
HARVARD AVENUE - 1600 EAST TO 1800 EAST			10,000					
YALE AVENUE - 1700 EAST TO 1900 EAST			10,000					
HERBERT AVENUE - 1700 EAST TO 1800 EAST			10,000					
YALECREST AVENUE - 1600 EAST TO 1700 EAST			10,000					
MILITARY DRIVE - YALECREST AVENUE TO 900 SOUTH			10,000					
1300 EAST - SOUTH TEMPLE TO 500 SOUTH							20,000	

Salt Lake City Corporation  
 Department of Public Utilities  
**SANITARY SEWER CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
 2006thru 2012

Last Update  
 3/10/2008

DESCRIPTION	FEET OF PIPE	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009 - 2010	FISCAL YR 2010 - 2011	FISCAL YR 2011 - 2012	FISCAL YR 2012 - 2013	FISCAL YR 2013 - 2014
	15,332	100,000	570,000	1,000,000	0	0	20,000	0
<b>OTHER PROJECTS</b>								
EMERGENCIES - MISC. LOCATIONS		100,000	100,000	100,000	100,000	100,000	100,000	100,000
MISC. PUBLIC SERVICE PROJECTS		200,000	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	500,000
		800,000	800,000	800,000	800,000	800,000	800,000	800,000
<b>REPLACE VARIOUS COLLECTION LINES</b>								
400 WEST 100 NORTH		45,000						
SOUTH SANDRUN ROAD ROUNDOFT DRIVE & 235 EAST								
STATE STREET (BOTH SIDES) - 500 SOUTH TO 1300 SOUTH CIPP	7,316	60,000						
EASEMENT 750 SOUTH - STATE STREET TO 200 EAST (CIPP)	580	60,000						
STATE STREET (EAST AND WEST SIDES) - 1300 SOUTH TO 1700 SOUTH (2300 LF 10" 3660 LF 12")	6,150	60,000						
200 EAST - 900 SOUTH TO 1300 SOUTH (1700 LF 12" 830 LF 8" 350 LF 10" CIPP)	2,880	60,000						
BELMONT AVENUE STATE STREET OT 300 EAST		100,000						
STATE STREET (EAST AND WEST SIDES) - 1700 SOUTH TO 2100 SOUTH (650 8" CIPP 4970 12" CIPP)	5,620	60,000						
EASEMENT APPROX. 75 NORTH - NORTH STATE STREET TO SECOND AVENUE (100 N)	1,200	60,000						
EASEMENT APPROX. 125 NORTH - NORTH STATE STREET TO FOURTH AVENUE (200 N)	1,040	60,000						
5600 WEST - CALIFORNIA AVENUE (1300 S) TO 2100 SOUTH - PHASE I (7 MANHOLES)		60,000						
VIEW ST. RAMONA AVE TO 2100 SOUTH		26,000						
RAMONA AVE 2000 EAST ST TO 2100 EAST ST.		1,000						
LAKELINE DRIVE 2100 SOUTH TO 2180 SOUTH		5,000						
RAMONA AVENUE (1930 S) - 1400 EAST TO 1500 EAST	750	60,000						
NORTH MAIN ST & APRICOT TO GIRARD AVES		80,000						
600 NORTH 280 WEST TO 300 WEST (SOUTH SIDE)		100,000						
SOUTH TEMPLE 300 WEST (NORTH WEST CORNER)		5,000						
ALLEYS EAST AND WEST OF MARION STREET		26,000						
CRANDALL AVENUE (2875 S) - 1275 EAST (HIGHLAND DR.) TO DEARBORN STREET (1460 E)	1,360	60,000						
DIESTEL ROAD (1730 E) - SUNNYSIDE (840 S) TO 900 SOUTH	390	60,000						
NORTHWEST OIL DRAIN REMEDIATION STUDY		400,000						
SUNNYSIDE AVENUE (840 S) - 1684 EAST TO 1740 EAST	410	60,000						
SUNNYSIDE AVE 2250 EAST TO 2450 EAST		60,000						
1300 EAST 1121 SOUTH TO HARVARD AVE		60,000						
900 SOUTH 700 EAST TO 900 EAST AND ALLEY		150,000						
TRAX INTERMODAL HUB		5,000						
VINE STREET CENTER STREET TO 300 NORTH		21,000						
WILMINGTON AVE SIMPSON AVE TO BROADMOOR ST		26,000						
900 EAST 1954 SOUTH TO 1972 SOUTH		225,000						
200 WEST 400 NORTH TO 500 NORTH (EAST SIDE)		75,000						
WALL STREET 300 NORTH TO HILLSIDE AVE		55,000						
GILLESPE AVENUE 1250 WEST TO 1300 WEST		26,000						
STATE STREET 800 SOUTH TO 900 SOUTH		200,000						
500 NORTH 700 WEST TO GRANT ST.		2,000						
300 SOUTH 600 EAST TO 800 EAST		40,000						
500 NORTH 700 WEST TO 900 WEST		27,000						
300 EAST SOUTH TEMPLE TO 100 SOUTH	27,696	26,000						
WEST SIDE RAILROAD REALIGNMENT		50,000						
900 SOUTH - STATE STREET TO 700 EAST	7,920	300,000						
REDWOOD DRIVE - MONTGOMERY TO 1300 SOUTH AND DALE AVE REDWOOD TO GLENDALE DR	2,000	56,000						
"1ST" AVENUE - 206 EAST TO "B" STREET - (BAD CRACKING OK FOR CIPP)	355	25,500						
6TH AVENUE "B" TO "C" STREET	365	27,000						
1900 EAST WILMINGTON (PARLEYS CYN BLVD.) TO 2100 SOUTH (NEED VIDEO TO PARLEYS CANYO	1,610	38,000						
NORTH MAIN 300 NORTH TO CENTER ST INCOMPLETE VIDEO BROKEN PIPE AND ROOTS BAD	700	26,000						
EAST CAPITOL BLVD (CAPITOL ST ON GIS MAPS) 200 TO 300 NORTH	1,041	35,000						
500 EAST 1120 SOUTH AND 500 EAST TO 1224 SOUTH		90,000						
200 EAST 400 TO 500 SOUTH EAST SIDE 120' D&R	120	35,000						
500 NORTH 600 TO 650 W SOUTH SIDE 2 EA. 20' REPAIRS NEEDED BAD H2S PROBLEMS FAILING F	505	35,000						
ALLEY SOUTH OF LUCY AVE 200 WEST TO WEST TEMPLE AND EASEMENT TO 1300 SOUTH	670	28,000						
EASEMENT 1740 WEST JENNIFER WAY TO 400 N	240	27,000						
EASEMENT 345 NORTH PATRICA WAY TO STARCREST DR	310	27,000						
MANHOLE RESTORATIONS VARIOUS LOCATIONS 5600 WEST 700/500 SOUTH		750,000						



Salt Lake City Corporation  
 Department of Public Utilities  
**SANITARY SEWER CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
 2006thru 2012

Last Update  
 3/10/2008

DESCRIPTION	FEET OF PIPE	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009-2010	FISCAL YR 2010-2011	FISCAL YR 2011-2012	FISCAL YR 2012-2013	FISCAL YR 2013-2014
<b>TOTAL COLLECTION LINES</b>		6,409,000	4,297,000	3,800,000	3,300,000	12,800,000	2,820,000	2,800,000
<b>LANDSCAPING - WIP 52-10401-2773.10</b>								
ASPHALTING			100,000				50,000	
PLANT PAINTING			50,000					
PLANT CURBING			35,000					
		0	185,000	0	0	0	50,000	0
<b>TOTAL CAPITAL IMPROVEMENTS</b>		7,984,000	8,662,000	5,010,000	4,985,000	20,935,000	6,455,000	2,885,000
<b>AUTOMOBILES &amp; TRUCKS</b>	<b>REPLACEMENT VEHICLE</b>							
VARIOUS						400,000	400,000	400,000
3/4 TON PICK UP 4X4	3081		30,000		35,000			
3/4 TON PICK UP 4X4	31015		30,000					
3/4 TON PICKUP 4X4 W/SERVICE BODY	33840		31,000		35,000			
3/4 TON PICKUP 4X4 W/EXT CAB					38,000			
3/4 TON W/UTILITY BED			31,000		31,000			
3/4 TON W/UTILITY BED		35,000		31,000				
3/4 4X4 PICKUP	33820		31,000	31,000	35,000			
3/4 4X4 PICKUP	33240	35,000	31,000	31,000	35,000			
10 WHEEL DUMP					120,000			
2 1/2 TON W/CONTRACOTR BODY FOR CEMENT MIXER		80,000						
3/4 TON W/RACK			24,000		26,000			
3/4 TON								
1 1/2 TON TRUCK W/FLATBED			35,000		35,000			
3/4 TON W/UTILITY BED			35,000	35,000	40,000			
3/4 TON W/UTILITY BED			35,000		29,500			
1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID			33,000		24,000			
3/4 4X4 PICKUP					40,000			
10 WHEEL DUMP		100,000		100,000				
1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID			33,000					
1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID		33,000		33,000				
		283,000	379,000	261,000	523,500	400,000	400,000	400,000
<b>FIELD MAINTENANCE EQUIP.</b>								
VARIOUS					300,000	300,000	300,000	300,000
FORKLIFT		11,000						
RIDER MOWER		11,000						
MOWER TRAILER								
KNUCKLE BOOM REPLACEMENT			28,500					
BACKHOE	33490		90,000					
HIGH PRESSURE TRUCK	3300		260,000					
BACKHOE EXCHANGE		7,900	8,000	16,000				
T V VAN				155,000				
SELF PROPELLED TELESCOPIC BOOM LIFT			100,000					
2 - GOLF CART REPLCAEMENTS		18,500		20,000				
LOADER REPLACEMENT					260,000			
BROWN BEAR 500C WITH AREATOR			500,000					
		48,400	986,500	191,000	560,000	300,000	300,000	300,000
<b>TREATMENT PLANT EQUIPMENT - WIP 2774.10</b>								
DIAPHRAGM PUMPS		200,000	300,000	300,000	300,000	300,000	300,000	300,000
BLOWERS		64,000	50,000	50,000	50,000	50,000	50,000	50,000
PUMPS		100,000	150,000	150,000	150,000	150,000	150,000	150,000
COMPRESSORS		50,000	50,000	50,000	50,000	50,000	50,000	50,000
		414,000	550,000	550,000	550,000	550,000	550,000	550,000

Salt Lake City Corporation  
 Department of Public Utilities  
**SANITARY SEWER CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
 2006thru 2012

Last Update  
 3/10/2008

DESCRIPTION	FEET OF PIPE	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009 - 2010	FISCAL YR 2010 - 2011	FISCAL YR 2011 - 2012	FISCAL YR 2012 - 2013	FISCAL YR 2013 - 2014
<b>TELEMETERING EQUIPMENT</b>								
SCADA SYSTEM REPLACEMENT					50,000			
TELEMETERING UPGRADE - REPLACE		10,000	10,000	10,000	10,000	10,000	10,000	10,000
		10,000	10,000	10,000	60,000	10,000	10,000	10,000
<b>OFFICE FURNITURE &amp; EQUIPMENT</b>								
SOFTWARE UPGRADE		10,000	10,000	15,000	15,000	20,000	20,000	20,000
OPERATION WORK AREA EQUIPMENT		10,000						
MP2 UPGRADE			50,000					
3D PIPING SOFTWARE		9,500						
		29,500	60,000	15,000	15,000	20,000	20,000	20,000
<b>OTHER NON-MOTIVE EQUIPMENT</b>								
VARIOUS							200,000	200,000
60 KW GENERATOR		28,000				30,000		
8" PUMP				30,000				
TOWALONG COMPRESSOR			14,000					
4" PUMP TRAILER MOUNTED				25,000				
HIGH PRESSURE HOSE		37,200			40,000			
NEW RADIO'S		20,000	10,000	10,000	10,000	10,000		
4' TRASH PUMP		26,000			30,000			
PORTABLE TELESCOPIC INSPECTION CAMERA						20,000		
LATERAL CAMERA						10,000		
PAN & TILT CAMERA WITH TRANSPORTER						35,000		
MAINTENANCE STORAGE CABINETS		10,000						
FLOW METER REPLACEMENTS / SAMPLER REPLACEMENT		10,000	10,000	10,000	10,000	10,000		
DRANETZ POWER ANALYZER								
DIG LEVEL SENSORS			10,000		10,000			
Sewer/Storm Modeling Software			25,000					
SERVER UPGRADE			30,000			30,000		
RADIO SYSTEM UPGRADE		20,000	140,000					
EVAPORATIVE COOLERS ON ENGINE ROOM			15,000					
FLOW METERS FOR THE 78' AND 66' INTERCEPTORS			50,000					
SIGMA 900 SERIES ALL WEATHER SAMPLERS			22,500					
STATIONARY SAMPLER W/ENCLOSURE		10,000		10,000	10,000	10,000		
PORTABLE SAMPLERS				10,000				
SAMPLER ENCLOSURE			5,000		5,000			
AIR CONDITIONING MODIFICATION		12,000						
PHONE SYSTEM UPGRADE			100,000					
INTERCEPTOR REDOX PROBES			10,000		10,000			
AUTO SAMPLERS			10,000		10,000			
		173,200	461,500	95,000	135,000	155,000	200,000	200,000
<b>TOTAL CAPITAL OUTLAY</b>		958,100	2,447,000	1,122,000	1,843,500	1,435,000	1,480,000	1,480,000
<b>GRAND TOTAL</b>		\$8,942,100	\$11,109,000	\$6,132,000	\$6,828,500	\$22,370,000	\$7,935,000	\$4,365,000

**STORMWATER UTILITY  
ENTERPRISE FUND  
BUDGET SUMMARY  
FY 2009-2011**

SOURCES	ACTUAL 2006-2007	AMENDED BUDGET 2007-08	PROJECTED ACTUAL 2007-08	Rate increase n/a	Rate increase 3%	Rate increase 3%
				PROPOSED BUDGET 2008-09	FORECAST BUDGET 2009-010	FORECAST BUDGET 20010-11
<b>REVENUES</b>						
METERED SALES	\$ 5,360,939	\$ 5,245,000	\$ 5,245,000	\$ 5,245,000	\$ 5,402,350	\$ 5,564,421
INTEREST INCOME	350,172	150,000	150,000	150,000	100,000	100,000
OTHER REVENUES	123,049	10,000	10,000	10,000	10,000	10,000
<b>TOTAL REVENUES</b>	<b>5,834,160</b>	<b>5,405,000</b>	<b>5,405,000</b>	<b>5,405,000</b>	<b>5,512,350</b>	<b>5,674,421</b>
<b>OTHER SOURCES</b>						
GRANTS & OTHER RELATED REVENUES	290,761	516,000	516,000	516,000	516,000	516,000
COUNTY FLOOD CONTROL *	-	-	-	-	-	-
IMPACT FEES	764,931	220,000	220,000	200,000	200,000	200,000
BOND PROCEEDS	-	-	-	-	-	-
<b>TOTAL OTHER SOURCES</b>	<b>1,055,692</b>	<b>736,000</b>	<b>736,000</b>	<b>716,000</b>	<b>716,000</b>	<b>716,000</b>
<b>TOTAL SOURCES</b>	<b>\$ 6,889,852</b>	<b>\$ 6,141,000</b>	<b>\$ 6,141,000</b>	<b>\$ 6,121,000</b>	<b>\$ 6,228,350</b>	<b>\$ 6,390,421</b>
<b>EXPENSES &amp; OTHER USES</b>						
<b>EXPENDITURES</b>						
PERSONAL SERVICES	\$ 1,440,224	\$ 1,643,089	\$ 1,643,089	\$ 1,725,139	\$ 1,776,893	\$ 1,830,200
OPERATING & MAINTENANCE	27,785	109,650	109,650	111,700	113,934	116,209
TRAVEL & TRAINING	2,445	9,000	9,000	8,480	8,650	8,823
UTILITIES	69,565	57,285	57,285	57,285	58,431	59,599
PROF & CONTRACT SERVICES	755,206	774,250	774,250	1,299,250	881,235	898,856
DATA PROCESSING	158,200	166,750	166,750	187,500	191,250	195,075
FLEET MAINTENANCE	199,267	206,000	206,000	206,000	210,120	214,323
ADMINISTRATIVE SERVICE FEE	42,408	45,000	45,000	50,000	51,000	52,020
PAYMENT IN LIEU OF TAXES	119,843	130,300	130,300	115,000	117,300	119,646
OTHER CHARGES AND SERVICES	(143,058)	(8,724)	(8,724)	(7,624)	(7,787)	(7,928)
<b>TOTAL EXPENDITURES</b>	<b>2,671,885</b>	<b>3,132,600</b>	<b>3,132,600</b>	<b>3,752,730</b>	<b>3,401,026</b>	<b>3,486,823</b>
<b>OTHER USES</b>						
CAPITAL OUTLAY	37,998	182,000	182,000	628,000	92,100	442,100
CAPITAL IMPROVEMENT BUDGET	2,409,566	6,545,866	5,525,866	3,908,000	4,118,928	1,756,000
DEBT SERVICES	587,173	600,000	600,000	600,000	600,000	600,000
<b>TOTAL OTHER USES</b>	<b>\$ 3,034,737</b>	<b>\$ 7,327,866</b>	<b>\$ 6,307,866</b>	<b>\$ 5,136,000</b>	<b>\$ 4,811,028</b>	<b>\$ 2,798,100</b>
<b>TOTAL USES</b>	<b>\$ 5,706,622</b>	<b>\$ 10,460,466</b>	<b>\$ 9,440,466</b>	<b>\$ 8,888,730</b>	<b>\$ 8,212,054</b>	<b>\$ 6,284,923</b>
<b>EXCESS REVENUE AND OTHER SOURCES OVER (UNDER) USES</b>	<b>\$ 1,183,230</b>	<b>\$ (4,319,466)</b>	<b>\$ (3,299,466)</b>	<b>\$ (2,767,730)</b>	<b>\$ (1,983,704)</b>	<b>\$ 105,498</b>
<b>OPERATING CASH BALANCES</b>						
BEGINNING JULY 1	\$ 9,098,827	\$ 10,282,057	\$ 10,282,057	\$ 6,982,591	\$ 4,214,861	\$ 2,231,157
ENDING JUNE 30	\$ 10,282,057	\$ 5,962,591	\$ 6,982,591	\$ 4,214,861	\$ 2,231,157	\$ 2,336,655

Cash Reserve Ratio

222

112

66

81

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

\* Audit County for review of flood funds allocation

**STORMWATER UTILITY  
CASH FLOW**

3/10/2008  
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	ACTUAL YEAR 2006-2007	CURRENT YEAR 2007-2008	BUDGET YEAR 2008-2009	BUDGET YEAR 2009-2010	BUDGET YEAR 2010-2011	BUDGET YEAR 2011-2012	BUDGET YEAR 2012-2013	BUDGET YEAR 2013-2014
STORMWATER CHARGES	5,360,939	5,245,000	5,245,000	5,402,350	5,564,421	5,731,353	5,903,294	6,080,393
OTHER INCOME	1,638	10,000	10,000	10,000	10,000	10,000	10,000	10,000
INTEREST INCOME	350,172	150,000	150,000	100,000	100,000	100,000	100,000	100,000
OPERATING INCOME	5,712,749	5,405,000	5,405,000	5,512,350	5,674,421	5,841,353	6,013,294	6,190,393
OPERATING EXPENDITURES	-2,671,885	-3,132,600	-3,752,730	-3,401,026	-3,486,823	-3,574,878	-3,665,240	-3,665,240
NET INCOME EXCLUDING DEP.	3,040,864	2,272,400	1,652,270	2,111,324	2,187,598	2,266,475	2,348,054	2,525,153
IMPACT FEES	764,931	220,000	200,000	200,000	200,000	200,000	200,000	200,000
OTHER RECEIPTS/ BOND PROCEEDS								
OTHER CONTRIBUTIONS	412,172	516,000	516,000	516,000	516,000	516,000	516,000	516,000
CAPITAL OUTLAY	-37,998	-182,000	-628,000	-92,100	-442,100	-142,100	-363,100	-528,100
DEBT SERVICE (NEW)		0	0	0	0	0	0	0
DEBT SERVICE	-587,173	-600,000	-600,000	-600,000	-600,000	-600,000	-600,000	-600,000
OTHER INCOME & EXPENSE	551,932	-46,000	-512,000	23,900	-326,100	-26,100	-247,100	-412,100
AVAILABLE FOR CAPITAL	3,592,796	2,226,400	1,140,270	2,135,224	1,861,498	2,240,375	2,100,954	2,113,053
CAPITAL IMPROVEMENTS	-2,409,566	-5,525,866	-3,908,000	-4,118,928	-1,756,000	-1,650,000	-1,650,000	-1,950,000
CASH INCREASE/(DECREASE)	1,183,230	-3,299,466	-2,767,730	-1,983,704	105,498	590,375	450,954	163,053
	11,451,883							
BEGINING CASH BALANCE	9,098,827	10,282,057	6,982,591	4,214,861	2,231,157	2,336,654	2,927,029	3,377,983
CASH INCREASE/(DECREASE)	1,183,230	-3,299,466	-2,767,730	-1,983,704	105,498	590,375	450,954	163,053
ENDING BALANCES	\$10,282,057	\$6,982,591	\$4,214,861	\$2,231,157	\$2,336,654	\$2,927,029	\$3,377,983	\$3,541,036
DEBT SERVICE COVERAGE	5.18	3.79	2.75	3.52	3.65	3.78	3.91	4.21
RATE CHANGE	0%	0%	0%	3.00%	3.00%	3.00%	3.00%	3.00%
ANNUAL RESIDENTIAL STORM WATER BILL								
BILL (1991=\$36.00)	\$36.00	\$36.00	\$36.00	\$37.08	\$38.19	\$39.34	\$40.52	\$41.73
Cash Reserve Ratio	384.82%	222.90%	112.31%	65.60%	67.01%	81.88%	92.16%	96.61%

Salt Lake City Corporation  
 Department of Public Utilities  
**STORM DRAIN CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
 2008 thru 2014

Last Update  
 3/10/2008

COST CENTER	PROJECT NUMBERS	DESCRIPTION	FEET OF PIPE	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009 - 2010	FISCAL YR 2010 - 2011	FISCAL YR 2011 - 2012	FISCAL YR 2012-13	FISCAL YR 2013-14	PROJECTS DELAYED
53-10201	2772.10	LAND			250,000						
		LAND RIGHT OF WAY									
				0	250,000	0	0	0	0	0	
53-10301	2772.10	LIFT STATIONS - 2720.05			750,000						
53470719		OIL DITCH LIFT STATION - 1250 WEST 2000 NORTH (NEW PUMPS AND CONTROL PANELS)									
53471024		OAKLEY STORM WATER LIFT STATION REHAB		150,000							
53471030		SURPLUS AND CWA #2 LIFT STATION		1,200,000							
		400 SOUTH LIFT STATION - NORTH									750,000
53470721		PAXTON AVENUE LIFT STATION - 700 WEST PAXTON AVENUE (PUMPS, DISCHARGE & CONTROL PANEL)									
53470714		NEW STAR LIFT STATION - 300 NORTH NEW STAR DRIVE (NEW PUMPS AND CONTROL PANEL)									
		VARIOUS PUMP STATIONS			100,000	100,000	100,000	100,000	100,000	100,000	
				1,350,000	850,000	100,000	100,000	100,000	100,000	100,000	
53-10301	2773.10	DETENTION BASINS - 2730.20									
				0	0	0	0	0	0	0	
53-10301	2773.10	COLLECTION MAINS - 2730.18									
		800 NORTH - STARCREST DRIVE (1840 W) TO CITY DRAIN (APPROX. 2000 W) - MORTON DRIVE AREA		185,000							
53470791		500 WEST NORTH TEMPLE TO 200 NORTH		10,000							
53470785		WESTSIDE RAILROAD REALIGNMENT		450,000							
534750004		LEE DRAIN WIDENING FROM 4800 WEST TO 5500 WEST		412,866							
		LEE DRAIN WIDENING FROM 5500 WEST TO 5600 WEST		50,000							
		LEE DRAIN WIDENING FROM 3200 WEST TO 4800 WEST		430,000							
		STRATFORD		120,000							
		800 EAST - 1700 SOUTH TO 2100 SOUTH	3,200	120,000							
534700625		OIL DRAIN PROJECT		30,000							
53470723		TESORO (1200 NORTH - 600 WEST TO 850 WEST)	2,100							300,000	
		LEE DRAIN WIDENING PHASE II OF NINETECH WEST									
		BRIGHTON DRAIN WIDENING FOR SORENSON				94,428					
		5600 WEST FROM BRIGHTONDRAIN TO 700 SOUTH				200,000					
		GOGGIN DRAIN WIDENING				860,000					
		LITTLE GOGGIN DRAIN BONNEVILLE CENTER C&D					41,000				
		RED BUTTE CULVERT AT 1300 EAST & 1000 SOUTH					65,000				
53470746		IES-1, #121 ->900 SOUTH - STATE STREET TO 600 EAST - PHASE III	3,850								300,000
		IES-1, #211 ->50 SOUTH GADSBY PLANT									
		IES-1, #221 ->1500 SOUTH I-215									
53470740		NORTHWEST OIL DRAIN 600 NORTH TO 1200 WEST									
		2565 WEST - 1520 SOUTH TO 1560 SOUTH (ANDREW AVENUE 36")									
		700 WEST 500 NORTH - STORM DRAIN EXTENSION AND CLEANOUT BOXES									
		CWA #2 WALLACE ROAD - CULVERT REPLACEMENTS									
		ALMOND STREET (40 W) CIPP									
53470771		900 SOUTH - 1100 EAST TO 1040 EAST CIPP									
		LEE DRAIN PIPE IMPROVEMENT UNDER BANGERTER (OR RAILROAD ONLY)									500,000
		INTERGRET EAST WEST									
		VARIOUS LINES		200,000	200,000	200,000	200,000	200,000	200,000	200,000	
			9,150	2,007,866	200,000	1,354,428	306,000	200,000	200,000	500,000	
		CITY, COUNTY, STATE AND MISC. DRIVEN PROJECTS									
53470599		GLADIOLA STREET (2900 W) - 500 S TO 1820 S (CED JOB NO. 103007)		18,000	500,000						
		DALE AVENUE (1120 S) - REDWOOD DRIVE (1510 W) TO GLENDALE DRIVE (1450 W)			41,000						
		REDWOOD DRIVE (1510 W) - MONTGOMERY STREET (1575 W) TO 1300 SOUTH			158,000						
		300 NORTH - 200 WEST TO 300 WEST			105,000						
		500 EAST - 900 SOUTH TO 1300 SOUTH	3,200		200,000						
		900 EAST - 900 SOUTH TO 2100 SOUTH	27,200		100,000						
		ALPINE PLACE - GILMER DRIVE TO CUL-DE-SAC END			10,000						
		DOUGLAS STREET - 400 SOUTH TO 500 SOUTH			10,000						
		HARVARD AVENUE - 1300 EAST TO 80 FEET WEST OF NORMANDIE CIRCLE			54,000						
		HERBERT AVENUE - 200 EAST TO 300 EAST			10,000						
		PRINCETON AVENUE - 700 EAST TO 800 EAST			10,000						
		REDWOOD ROAD - CAR WASH			50,000						
		YALE AVENUE - 700 EAST TO 800 EAST			10,000						
		1700 EAST - YALECREST AVENUE (1015 S) TO HARVARD AVENUE (1110 S)				378,500					
		MILITARY DRIVE (1650 E) AT YALECREST AVENUE (1015 S)				10,000					
		HARVARD AVENUE (1110 S) - 1500 EAST TO 1800 EAST				324,000					
		900 SOUTH - 700 EAST TO WINDSOR STREET (860 E)				252,000					
		900 SOUTH - 500 EAST TO 700 EAST									17 OF 19
53470731		500 EAST - 1300 SOUTH TO 2100 SOUTH				350,000					610,000
		1300 EAST - SOUTH TEMPLE TO 500 SOUTH	4,000								250,000



Salt Lake City Corporation  
 Department of Public Utilities  
**STORM DRAIN CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
 2008 thru 2014

Last Update  
 3/10/2008

COST CENTER	PROJECT NUMBERS	DESCRIPTION	FEET OF PIPE	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009 - 2010	FISCAL YR 2010 - 2011	FISCAL YR 2011 - 2012	FISCAL YR 2012-13	FISCAL YR 2013-14	PROJECTS DELAYED
		AVENUE CROSSWALKS			50,000	50,000	50,000	50,000	50,000	50,000	50,000
		VARIOUS LINES		500,000	500,000	500,000	500,000	500,000	500,000	500,000	
			34,400	518,000	1,808,000	1,864,500	550,000	550,000	550,000	550,000	
		<b>LOCAL AREA PROJECTS ( * WORK BY CITY CREWS)</b>									
53474005		VARIOUS PROJECTS		200,000	200,000	200,000	200,000	200,000	200,000	200,000	
			0	200,000	200,000	200,000	200,000	200,000	200,000	200,000	
		ADA RAMPS		50,000	50,000	50,000	50,000	50,000	50,000	50,000	
		SID VARIOUS STREETS -- DIP STONE REPLACEMENT	1,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	
		CONTRIBUTIONS BY DEVELOPERS		500,000	500,000	500,000	500,000	500,000	500,000	500,000	
			1,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	
		<b>MASTER PLAN PROJECTS</b>									
		NORTH TEMPLE DIVERSION		700,000							1,000,000
		GATSBY DIVERSION									500,000
		FOLSOM STORM DRAIN									6,000,000
		FOOTHILL DRIVE (2800 E) - EMIGRATION CREEK TO 2300 EAST									565,000
		600 EAST - 900 SOUTH TO THE AVENUES									4,200,000
		CITY CREEK OVERFLOW (\$1.5 MIL) - See Folsom SD									1,500,000
		1700 SOUTH 500 WEST									400,000
		1500 EAST TO 1700 EAST - YALECREST TO YALE									
		600 EAST INTERCEPTOR									
		DELONG STREET									
		INDUSTRIAL ROAD									
		LEE DRAIN / CWA CONNECTION									
		LIBERTY PARK MASTER PLAN									
		WESTSIDE RAILROAD		150,000							
		TOTAL COLLECTION LINES	44,550	4,175,866	2,808,000	4,018,928	1,656,000	1,550,000	1,550,000	1,850,000	
		<b>TOTAL CAPITAL IMPROVEMENTS</b>		5,525,866	3,908,000	4,118,928	1,756,000	1,650,000	1,650,000	1,950,000	
		<b>REPLACEMENT VEHICLE</b>									
	2750.10	Motive Replacement Auto & Truck									
10201		CARRYOVER VEHICLES									
10201		10 WHEEL DUMP TRUCK		120,000							90,000
10201		BOBTAIL DUMP - 2 1/2 TON									90,000
10201		1 TON HD TRUCK W/DUMP				36,000			38,000		
10201		2 TON DUMP TRUCK			60,000		65,000				65,000
10201		3/4 PICKUP 4X4		30,000	40,000		65,000				
10201		1 TON HD TRUCK W/UTILITY BED				38,000		40,000	38,000		
10701		1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID			33,000			40,000			
10901		1/2 TON PICKUP EXT CAB WITH SHELL - HYBRID			33,000			40,000			
				150,000	166,000	74,000	130,000	120,000	76,000	245,000	
	2750.30	Field Maint Equipment									
10201		CARRYOVER VEHICLES									
10201		BACKHOE - REPLACEMENT PROGRAM		2,000	2,000	7,100	7,100	7,100	7,100	7,100	
10201		VACTOR TRUCK			260,000		275,000		275,000		130,000
10201		TRACK EXCATOR W/DOZER BLADE									80,000
10201		TRANSPORT TRAILER			30,000						
10201		DRAG MACHINE									
10201		CRISAFULLI POWER PLANT			40,000						
10201		BACKHOE			75,000						
				2,000	407,000	7,100	282,100	7,100	282,100	217,100	
	2760.30	Telemetry									
10201		SCADA FOR LIFT STATIONS			10,000		25,000				
				0	10,000	0	25,000	0	0	0	
	2760.50	Office Equipment									
				0	0	0	0	0	0	0	
	2760.90	Other Equipment									

Salt Lake City Corporation  
 Department of Public Utilities  
**STORM DRAIN CAPITAL IMPROVEMENT PROJECTS**  
**SIX YEAR PROPOSAL**  
 2008 thru 2014

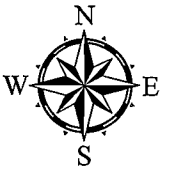
Last Update  
 3/10/2008

COST CENTER	PROJECT NUMBERS	DESCRIPTION	FEET OF PIPE	FISCAL YR 2007-2008	FISCAL YR 2008-2009	FISCAL YR 2009 - 2010	FISCAL YR 2010 - 2011	FISCAL YR 2011 - 2012	FISCAL YR 2012-13	FISCAL YR 2013-14	PROJECTS DELAYED
10201		CEMENT MIXER		5,000		6,000					8,000
10201		4" PUMP									30,000
10201		TRUCK MOUNTED WELDER									13,000
10201		TOW ALONG COMPRESSOR		15,000							
10201		RADIO SYSTEM UPGRADE		10,000	30,000						
10201		REPLACEMENT RADIOS			5,000	5,000	5,000	5,000	5,000		5,000
10701		COMPOSITE SAMPLERS			10,000				10,000		10,000
10901		UPGRADE GPS 4700									
				30,000	45,000	11,000	5,000	15,000	5,000		66,000
				182,000	628,000	92,100	442,100	142,100	363,100		528,100
		<b>GRAND TOTAL</b>		5,707,866	4,536,000	4,211,028	2,198,100	1,792,100	2,013,100		2,478,100

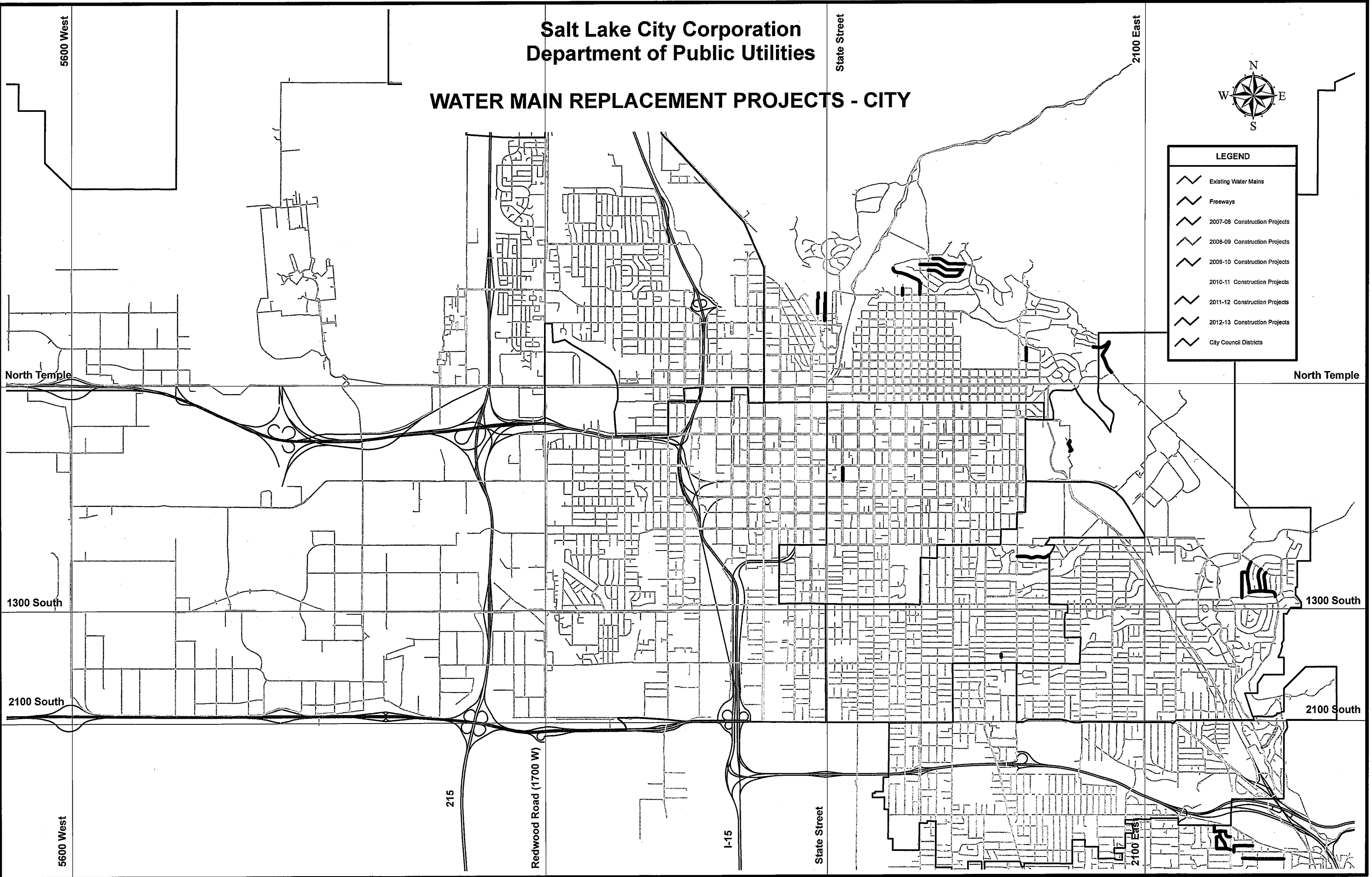
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Salt Lake City Corporation  
Department of Public Utilities

WATER MAIN REPLACEMENT PROJECTS - CITY



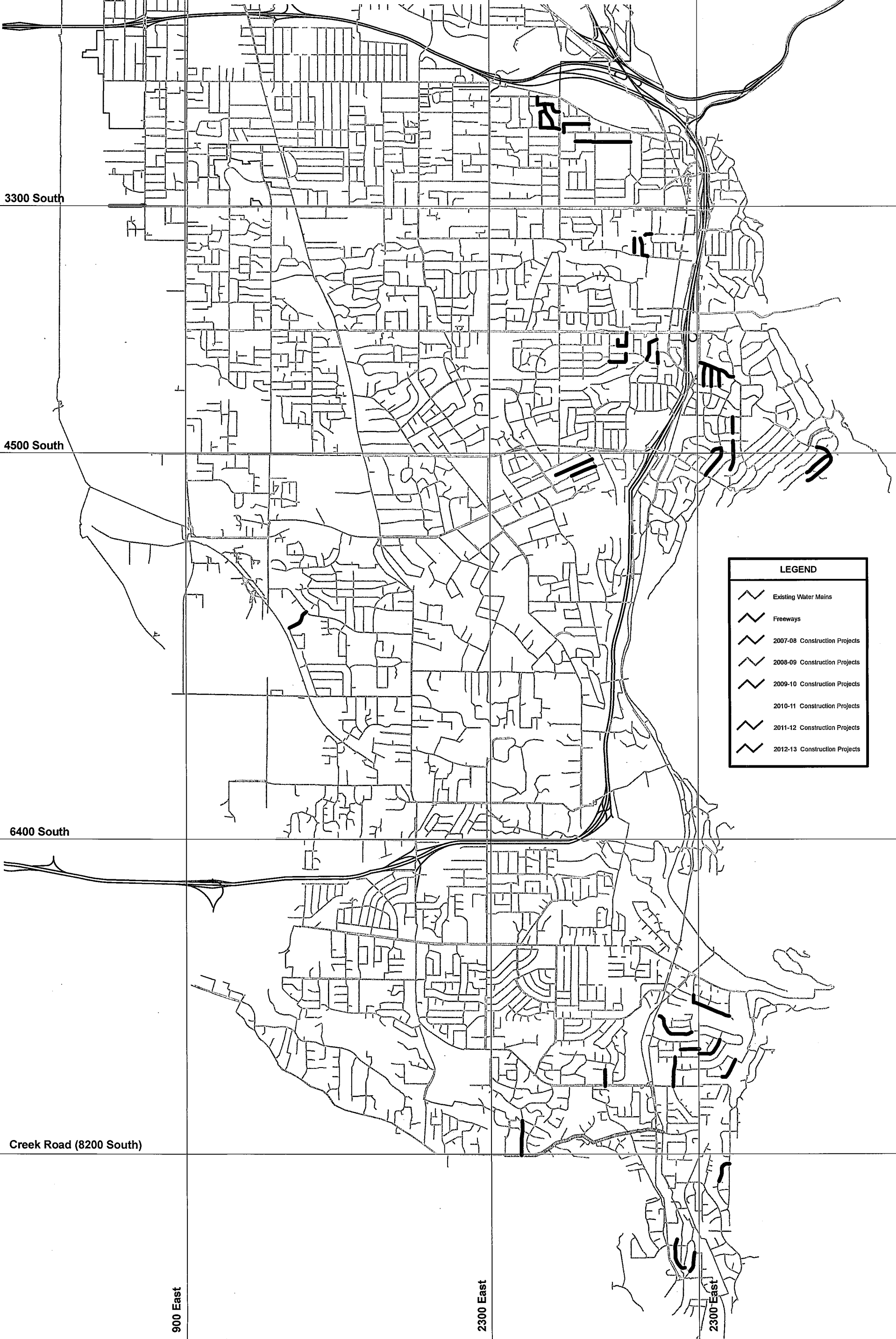
LEGEND	
	Existing Water Mains
	Freeways
	2007-08 Construction Projects
	2008-09 Construction Projects
	2009-10 Construction Projects
	2010-11 Construction Projects
	2011-12 Construction Projects
	2012-13 Construction Projects
	City Council Districts



Salt Lake City Corporation  
Department of Public Utilities

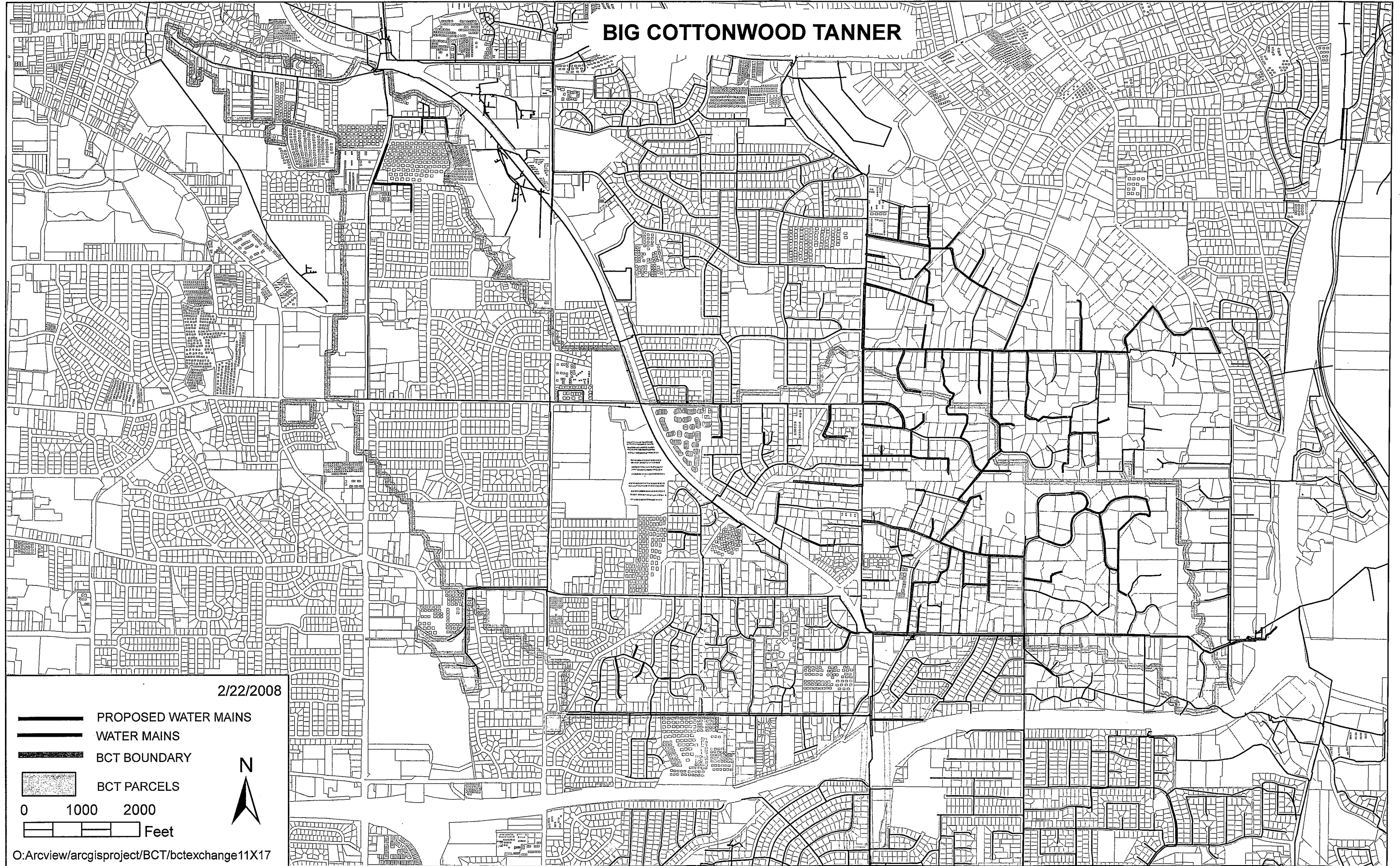


**WATER MAIN REPLACEMENT PROJECTS**



LEGEND	
	Existing Water Mains
	Freeways
	2007-08 Construction Projects
	2008-09 Construction Projects
	2009-10 Construction Projects
	2010-11 Construction Projects
	2011-12 Construction Projects
	2012-13 Construction Projects

# BIG COTTONWOOD TANNER



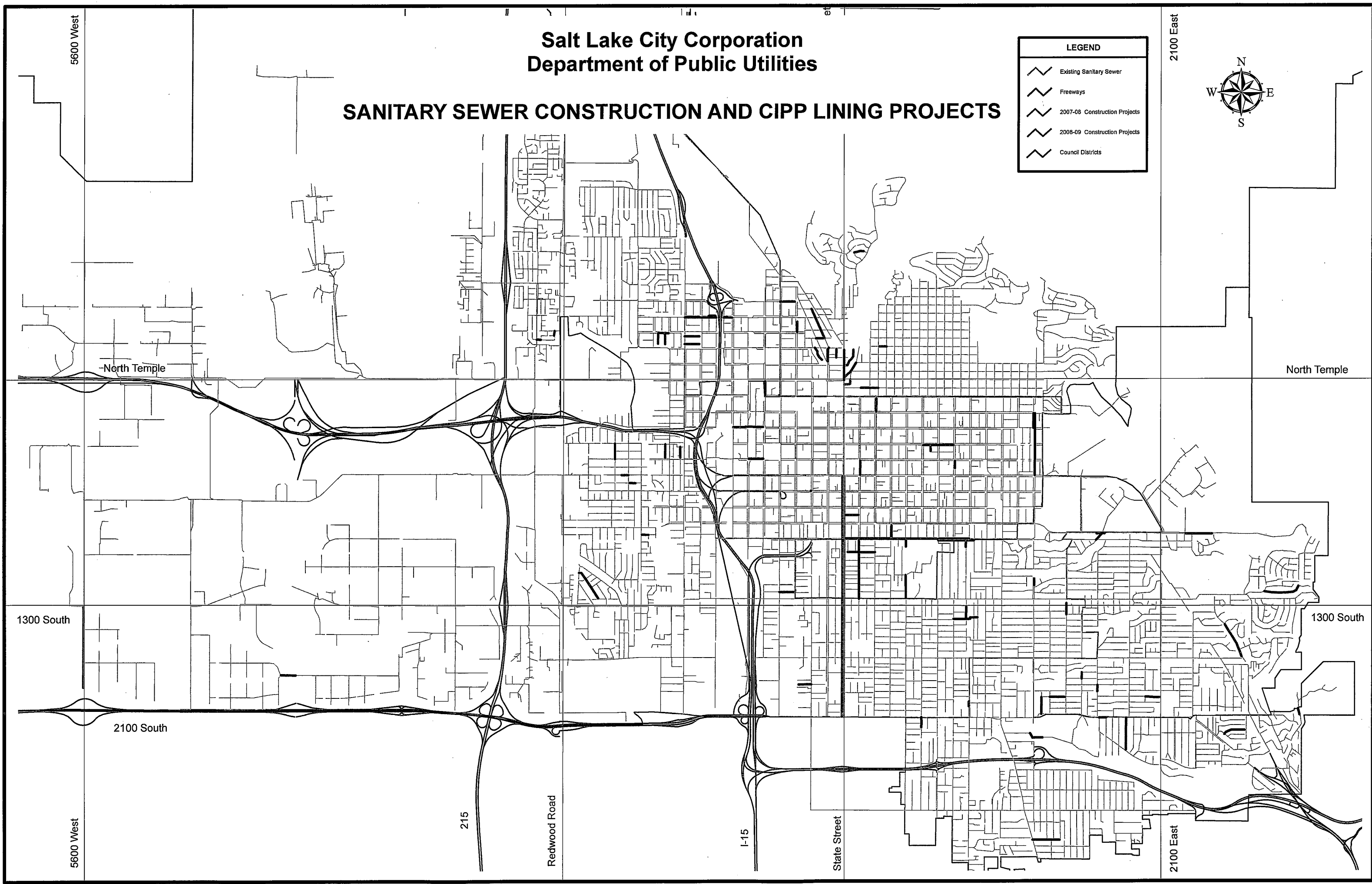


Salt Lake City Corporation  
Department of Public Utilities

**SANITARY SEWER CONSTRUCTION AND CIPP LINING PROJECTS**

**LEGEND**

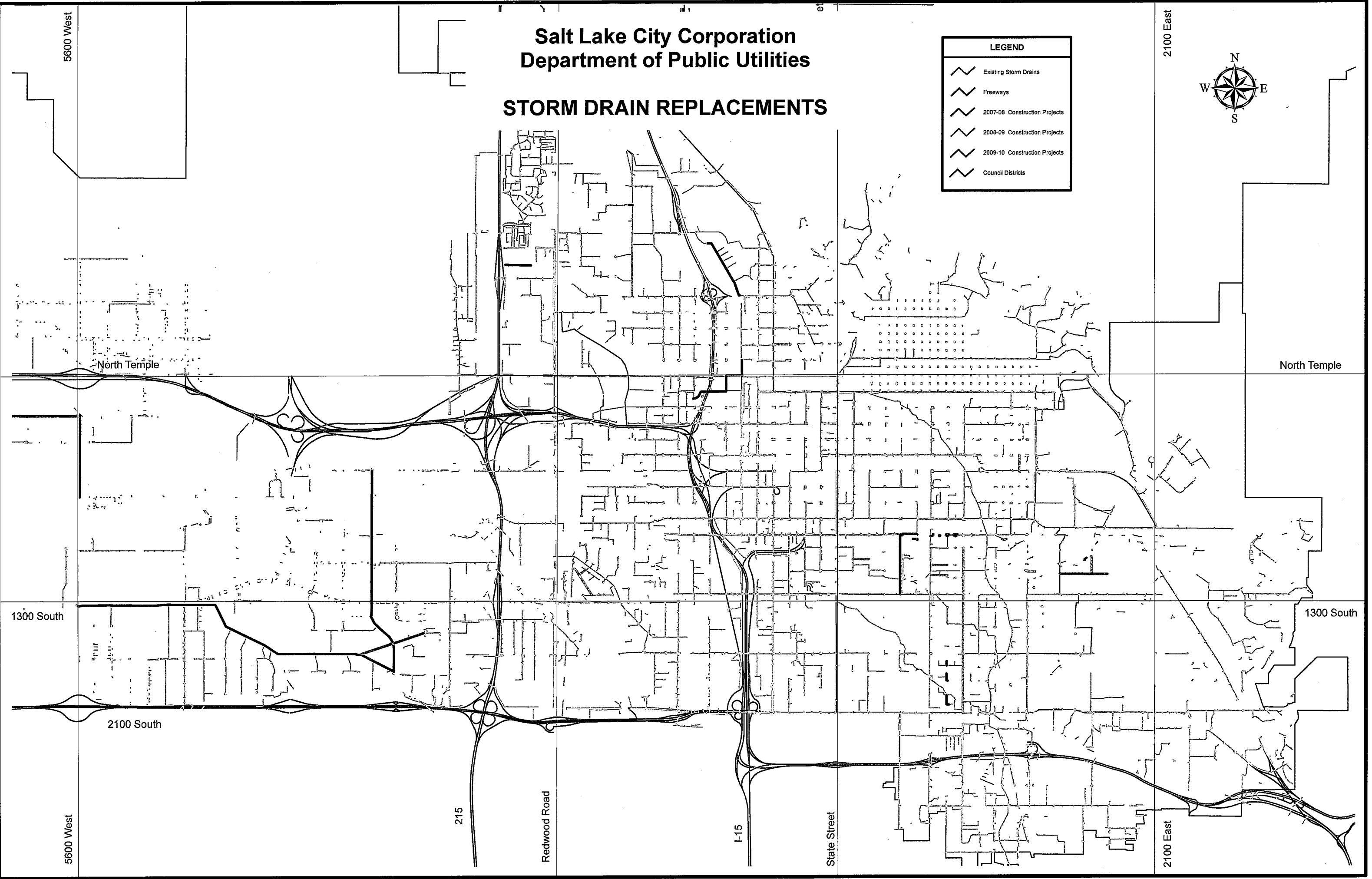
- Existing Sanitary Sewer
- Freeways
- 2007-08 Construction Projects
- 2008-09 Construction Projects
- Council Districts



Salt Lake City Corporation  
Department of Public Utilities

**STORM DRAIN REPLACEMENTS**

LEGEND	
	Existing Storm Drains
	Freeways
	2007-08 Construction Projects
	2008-09 Construction Projects
	2009-10 Construction Projects
	Council Districts

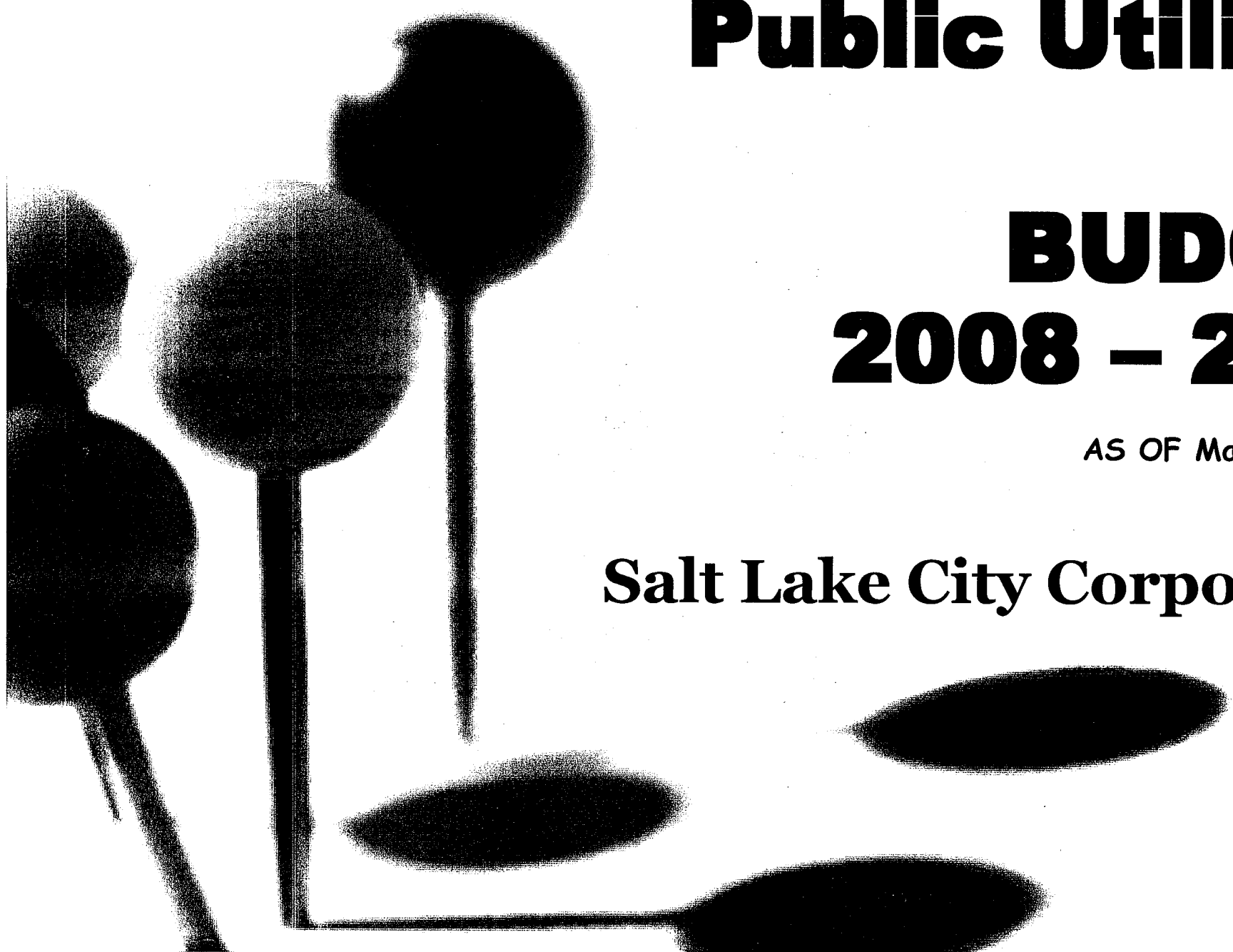


# **Salt Lake City Public Utilities**

## **BUDGET 2008 – 2009**

AS OF March 13, 2008

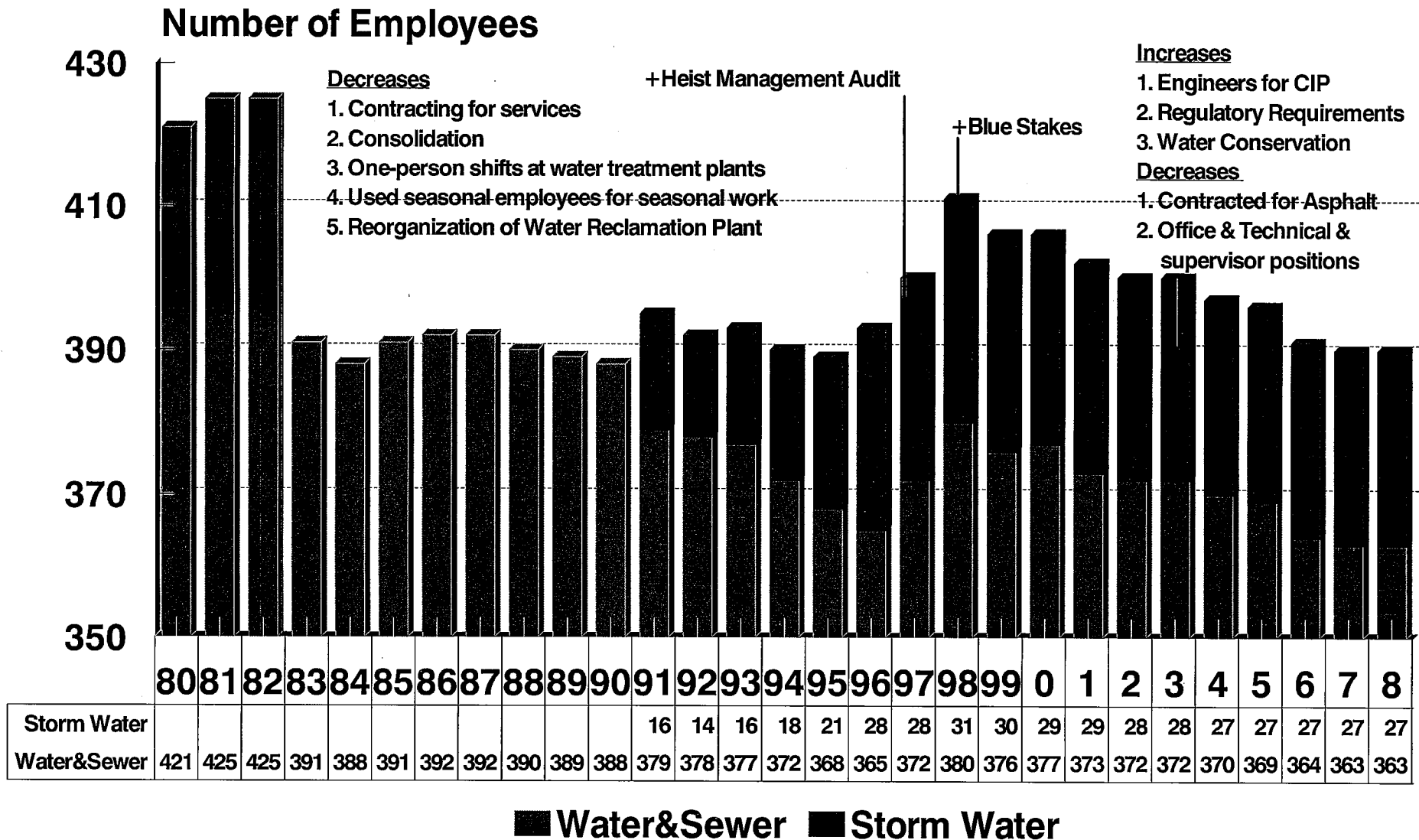
**Salt Lake City Corporation**





# Public Utilities

## Number of Employees

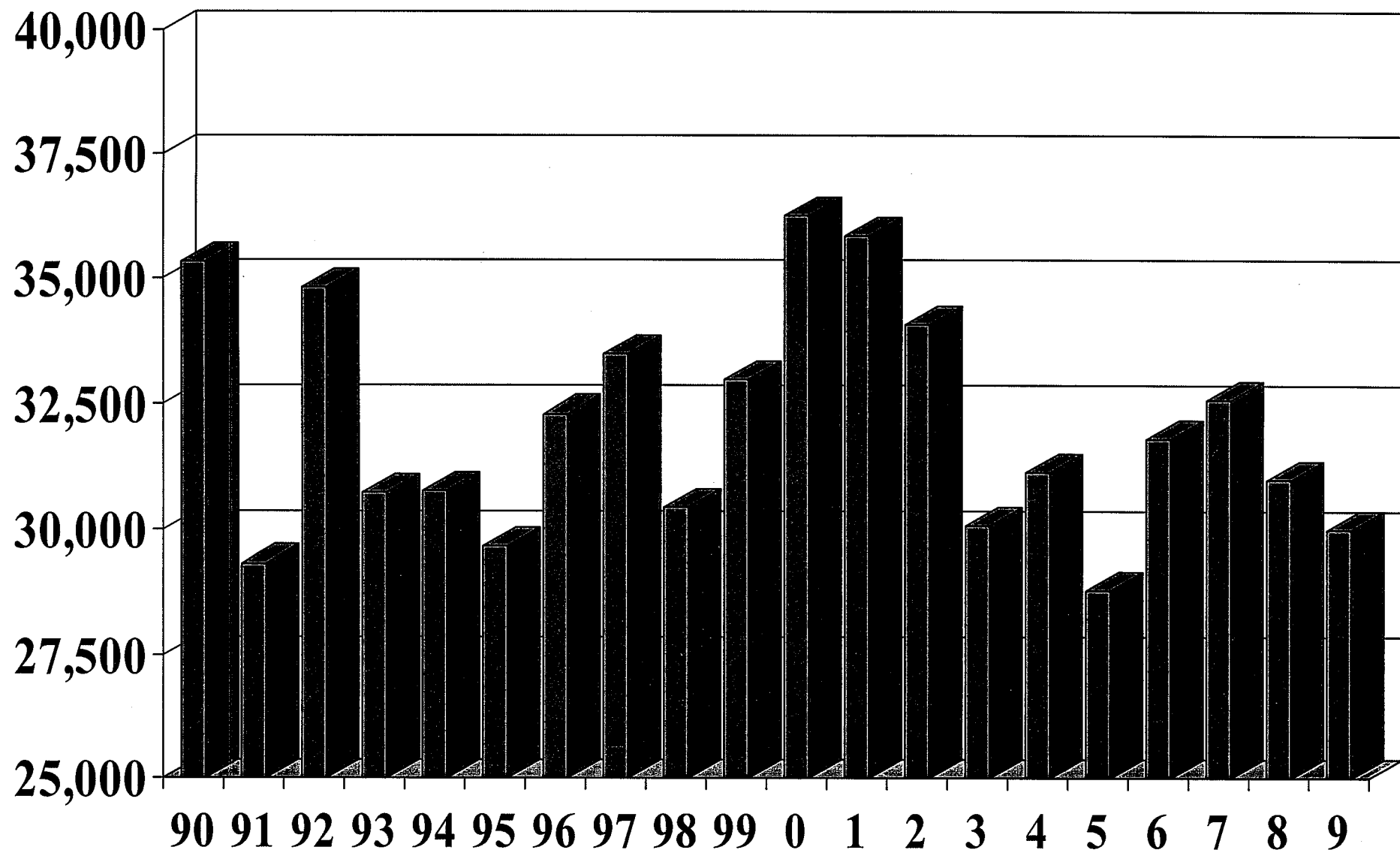


Stormwater division transferred to Public Utilities in 1991

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

APPROPRIATION NUMBER	DESCRIPTION	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	PROPOSED 2009
<b>WATER UTILITY</b>															
5101	SOURCE OF SUPPLY	11.00	11.03	13.23	13.23	12.25	12.25	12.25	12.25	12.75	11.75	11.75	11.75	11.75	11.75
5103	POWER & PUMPING	11.00	5.40	6.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
5105	PURIFICATION	51.00	45.00	43.00	42.20	47.20	47.20	47.00	47.00	47.50	47.50	47.50	46.70	47.30	47.30
5107	TRANSMISSION & DISTRIBUTION	141.00	125.45	116.87	109.15	115.35	111.35	109.70	111.70	111.50	111.70	110.70	108.70	109.20	109.20
5109	SHOPS & MAINTENANCE	48.50	36.35	33.35	29.85	27.35	26.35	32.40	31.40	30.90	30.90	30.90	30.90	29.90	29.90
5111	CUSTOMER ACCOUNTING & COLLECTIONS	49.50	46.75	52.50	49.00	53.00	52.60	51.55	51.55	50.55	49.55	49.55	48.55	48.55	48.55
5113	WATER ADMINISTRATION	13.00	7.20	8.50	10.00	14.00	12.00	12.00	11.90	12.40	11.90	11.90	11.90	12.40	12.40
5113	PUBLIC UTILITIES ADMINISTRATION	0.00	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>325.00</b>	<b>278.18</b>	<b>274.75</b>	<b>257.73</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>262.80</b>	<b>263.40</b>	<b>263.40</b>
<b>SEWER UTILITY</b>															
5220	LIFT STATIONS	5.00	6.00	7.00	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	32.00	32.50	28.98	35.80	27.92	31.92	27.45	27.45	27.05	26.50	26.50	26.20	25.95	25.95
5260	RECLAMATION PLANT	55.00	67.27	62.00	62.40	64.90	64.90	64.90	64.90	63.90	65.90	65.90	65.90	64.50	63.50
5280	ACCOUNTING & CUSTOMER SERVICE	2.00	4.25	5.00	2.80	1.80	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
5290	SEWER ADMINISTRATION	2.00	2.00	5.00	3.70	3.25	3.25	3.25	2.85	2.60	2.20	2.20	2.20	2.45	3.45
5295	PUBLIC UTILITIES ADMINISTRATION	0.00	1.00	1.00	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>96.00</b>	<b>113.02</b>	<b>108.98</b>	<b>110.50</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>101.30</b>	<b>99.90</b>	<b>99.90</b>
<b>STORM WATER</b>															
5301	STORM WATER MAINTENANCE				12.50	13.25	13.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25
5301	STORM WATER ENGINEERING				4.90	10.08	10.08	10.70	10.70	10.30	9.75	9.75	9.55	9.30	9.30
5301	STORM WATER ADMINISTRATIVE				2.40	3.15	3.15	3.15	2.65	2.40	2.30	2.30	2.30	2.55	2.55
5301	STORM WATER QUALITY				1.30	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
<b>STORM WATER TOTAL</b>					<b>21.10</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>26.30</b>	<b>26.30</b>	<b>26.30</b>
<b>PUBLIC UTILITIES TOTAL</b>		<b>421.00</b>	<b>391.20</b>	<b>383.73</b>	<b>389.33</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>	<b>390.40</b>	<b>389.60</b>	<b>389.60</b>

# MILLION GALLONS DELIVERED BY YEAR



# SEWER UTILITY REVENUE BY YEAR

