## Comprehensive Annual Financial Report

For the Years Ended December 31, 2011 and 2010 | San Antonio Water System | A Component Unit of the City of San Antonio, Texas


SAN ANTONIO IS

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# COMPREHENSIVE ANNUAL FINANCIAL REPORT OF THE <br> SAN ANTONIO WATER SYSTEM A COMPONENT UNIT OF THE CITY OF SAN ANTONIO, TEXAS 

For the Years Ended December 31, 2011 and 2010

Prepared by:
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Sr. Vice President/Chief Financial Officer

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## INTRODUCTION

# COMPREHENSIVE ANNUAL FINANCIAL REPORT 

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March 20, 2012

Mr. Berto Guerra, Jr., Chairman
Mr. Willie Mitchell, Vice-Chairman
Mr. Roberto Anguiano, Secretary
Mr. Samuel E. Luna, Assistant Secretary
Ms. Elizabeth M. Provencio, Trustee
Mr. Louis E. Rowe, Trustee
Hon. Julián Castro, Mayor
Trustees:
In accordance with the requirements of City Ordinance No. 75686, we are pleased to submit herewith the Comprehensive Annual Financial Report (CAFR) of the San Antonio Water System (SAWS) for the year ended December 31, 2011. We believe that the financial and statistical information presented in the report is accurate in all material respects and that all disclosures necessary to enable the reader to gain an understanding of SAWS' financial status have been included.

The information contained in this report is the responsibility of management. Management assumes this responsibility based upon a comprehensive framework of internal control that it has established for this purpose. This internal control structure has been designed to ensure that the assets of SAWS are protected from loss, theft, or misuse and to ensure that adequate accounting data are compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. The internal control structure is designed to provide reasonable, but not absolute, assurance that the objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived and (2) the valuation of costs and benefits requires estimates and judgments by management.

City Ordinance No. 75686 also requires that the annual financial report be submitted for audit by an independent accountant. The report of our independent auditors, Padgett, Stratemann \& CO., L.L.P. is included in the financial section of the 2011 CAFR. Their report expresses an unqualified opinion as to the fairness of the presentation of our financial statements. As a part of SAWS' audit, tests are made to determine the adequacy of the internal control structure, as well as to determine that SAWS has complied with applicable laws, regulations, and ordinances. The results of the audit of SAWS for the year ended December 31, 2011, provided no instances of material weaknesses in the internal control structure.

The Management Discussion and Analysis (MD\&A) beginning on page 3 provides a narrative introduction, overview, and analysis of the basic financial statements. This transmittal letter complements the MD\&A and should be read in conjunction with it.

## PROFILE OF SAN ANTONIO WATER SYSTEM

On February 13, 1992, the City Council determined that it was in the best interest of the citizens of San Antonio (the City) and the customers served by the water and wastewater systems to consolidate all water systems, agencies and activities into one institution. This action was taken due to the myriad of issues confronting the City related to the development and protection of its water resources. Such consolidation provided the City a singular voice of representation when promoting or defending the City's goals and objectives related to water resource planning and development with local, regional, state and federal water authorities and officials.

Final City Council approval for such consolidation was given on April 30, 1992 with the approval of Ordinance No. 75686 which effectuated the consolidation of all city owned utilities related to water including the water, wastewater, and water reuse systems as SAWS. Simultaneously with the creation of SAWS, the City defeased all outstanding debt related to the consolidated entities through the issuance of Water System Revenue Refunding Bonds, Series 1992.

The City, which is the county seat of Bexar County, is located in south central Texas, approximately 75 miles south of the state capital of Austin and 145 miles from the Mexican border. The City's Planning Department estimated the City's population to be $1,326,539$ as of 2011 and the U.S. Census Bureau estimated Bexar County's population at $1,723,780$ as of 2010 . The U.S. Census Bureau currently ranks San Antonio as the second largest city in Texas and the seventh largest city in the United States. The climate in San Antonio is characterized by warm summers with mild winters. The average high temperature in August is 96 degrees Fahrenheit, with the average low temperature in January of 41 degrees. Annual precipitation for the City averages 32.92 inches.

SAWS includes all water resources, properties, facilities, and plants owned, operated and maintained by the City relating to supply, storage, treatment, transmission, and distribution of treated potable water; collection and treatment of wastewater; and treatment and recycling of wastewater. Additionally, SAWS owns and operates six thermal energy facilities providing chilled water and steam services to governmental and private entities. In 2011, SAWS provided potable water service to more than 360,000 customer connections which represents about $80 \%$ of the water utility customers in Bexar County, while providing wastewater services to more than 405,000 customer connections representing approximately $93 \%$ of the wastewater customers in Bexar County. As of December 31, 2011 SAWS employs 1,669 personnel and provides maintenance of over 10,000 miles of water and sewer mains.

The complete management and control of SAWS has been vested in a board of trustees known as the "San Antonio Water System Board of Trustees." The Board of Trustees consists of the Mayor and six Trustees who are residents of the City of San Antonio or reside within the area serviced by SAWS. With the exception of the Mayor, all other trustees are appointed by the City Council for four year staggered terms and are eligible for reappointment for one additional four-year term. Four Board members must be appointed from four different quadrants in the City and two Board members are appointed from the north and south sides of the City.

The general operations of SAWS are under the supervision of the President/Chief Executive Officer who is employed by the Board of Trustees.

The financial statements of SAWS are presented in the CAFR of the City of San Antonio as a major discretely presented component unit. The 2011 CAFR for SAWS includes all activities and functions for which the Board of Trustees exercises management and control. As the City Council has placed absolute and complete authority and power in the Board of Trustees with respect to the control, management, and operation of

SAWS, except for fixing rates and charges for service rendered by SAWS and approval of debt issuances, it is the practice of SAWS to prepare its CAFR on a comprehensive basis.

The mission, vision and values of the San Antonio Water System are as follows:

## Mission <br> Sustainable, Affordable, Water Services <br> Vision <br> To be leaders in delivering responsible water services for life

Values
Excellence, Integrity and Respect

Financial planning is critical for SAWS to accomplish this mission. In order to adequately plan for water sources and appropriate infrastructure, models have been developed to analyze the impacts of various growth and replacement scenarios on the company's financial position. Some of these models have a short-term focus, some are mid-range models, and some are long-term.

Short-term planning is mainly focused in two areas, cash management and expense tracking. The Treasury function at SAWS balances the need for adequate cash resources and the desire to maximize returns on assets. The Budgeting function at SAWS analyzes the monthly spending requirements in view of other corporate obligations, such as ordinance requirements and obligations to bond holders.

Mid-range planning mainly focuses on the next year's activities. A comprehensive financial plan is developed using updated revenue forecasts, operating and maintenance estimates, capital requirements, and interest rate forecasts.

Long-range planning is the heart of SAWS' planning activities. Statistical models are used to estimate customer growth and water usage patterns. These are fed into a revenue model that incorporates the various rate class prices to produce detailed revenue forecasts. Simultaneously, the company produces capital and operating and maintenance budgets, from which twenty-year estimates are developed. Upon receiving these inputs, the financial planning model uses a debt optimization process to determine the correct balance and timing of funding sources.

The Annual Budget is prepared on a comprehensive basis and as such includes an Operating Budget that includes all water, wastewater, chilled water and steam, and recycle operations as well as a Capital Budget. The Annual Budget is prepared in such a manner that expenses may be controlled on a line-item basis. Encumbrances are not formally recorded in the accounting system, however, SAWS monitors and controls spending by utilizing variance reports for each of its cost centers. Variance justifications are prepared and reviewed monthly by the Chief Financial Officer and quarterly by the entire executive management team, including the President/CEO. SAWS' Board of Trustees approved the Annual Budget for 2012 in November 2011.

## ECONOMIC CONDITIONS AND OUTLOOK

## LOCAL ECONOMY

The San Antonio economy has experienced robust, sustained growth since the mid-1990's. This economic growth coupled with the net in-migration trends experienced in many areas of Texas has resulted in
population growth that has exceeded national averages. The rate of this growth peaked during 2006 when SAWS experienced customer growth in excess of $3.5 \%$. Since the latter half of 2007 , the effects of the downturn in the national economy were felt in the San Antonio area with the level of customer growth slowing to $2.7 \%$ in 2007, to $2.0 \%$ in 2008, and $1.1 \%$ in 2009. In 2010 and 2011, customer growth rose slightly and leveled off at rates of $1.3 \%$ and $1.2 \%$, respectively. While not immune to the challenges being faced within the global economy, the diversity of the San Antonio economy does provide some stability through economic cycles. Specifically, San Antonio's strategic positions in key growth sectors including government and military, biomedical sciences, medical services, tourism, and hospitality contribute to this stability. San Antonio's favorable economic position relative to the nation is reflected in the fact that, according to the U.S. Bureau of Labor Statistics, as of the end of December 2011 the local unemployment rate was $6.8 \%$ (preliminary estimate), while the nation's was $8.5 \%$.

A summary of San Antonio's nonagricultural employment by industry for the preceding ten years is as follows:

| San Antonio MSA Non-Farm Employment by Industry |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| as of December of each year | 2011 * | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| Natural Resources, Mining and Construction | 45,500 | 45,000 | 48,400 | 55,200 | 55,800 | 50,600 | 49,300 | 46,100 | 44,600 | 44,500 |
| Manufacturing | 46,300 | 44,800 | 43,500 | 45,600 | 49,000 | 49,800 | 47,400 | 45,700 | 46,000 | 48,400 |
| Trade, Transportation and Utilities | 149,900 | 145,000 | 146,400 | 152,600 | 155,600 | 152,700 | 145,500 | 141,200 | 139,900 | 141,200 |
| Information | 17,100 | 17,900 | 18,300 | 20,600 | 21,500 | 21,900 | 21,100 | 21,000 | 22,500 | 22,400 |
| Financial Activities | 63,500 | 65,600 | 65,300 | 66,500 | 65,800 | 64,900 | 63,700 | 61,800 | 61,100 | 61,200 |
| Professional and Business Services | 97,500 | 101,900 | 102,300 | 104,400 | 107,300 | 104,000 | 101,100 | 89,400 | 88,400 | 87,800 |
| Educational and Health Services | 138,200 | 131,200 | 125,900 | 122,200 | 116,900 | 112,100 | 110,200 | 105,600 | 101,800 | 99,500 |
| Leisure and Hospitality | 101,300 | 100,400 | 97,300 | 99,100 | 95,700 | 91,300 | 87,200 | 84,200 | 81,400 | 80,000 |
| Other Services | 32,000 | 31,500 | 30,900 | 30,700 | 30,200 | 28,500 | 26,900 | 26,900 | 27,700 | 28,600 |
| Government | 159,000 | 164,100 | 161,900 | 158,200 | 154,100 | 150,000 | 146,900 | 144,300 | 144,000 | 144,600 |
| Total Non-Farm Employment | 850,300 | 847,400 | 840,200 | 855,100 | 851,900 | 825,800 | 799,300 | 766,200 | 757,400 | 758,200 |

Source: U.S. Bureau of Labor Statistics

* Preliminary

Other indicators of the local economy include residential building permits as well as the average value of each new residential housing unit as indicated in the table below.

| San Antonio MSA New Housing Units |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 * |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |  | 2005 |  | 2004 |  | 2003 |  | 2002 |
| MSA New Residential Housing Units Authorized (Single \& Multi-Family) | 6,876 |  | 6,865 |  | 5,924 |  | 10,574 |  | 13,295 |  | 19,761 |  | 22,305 |  | 17,539 |  | 13,375 |  | 12,772 |
| MSA Average Value of Each New Residential Housing Unit (Single \& Multi-Family) | \$ 146,487 | \$ | 154,353 | \$ | 177,851 | \$ | 136,740 | \$ | 154,958 | \$ | 137,100 | \$ | 125,942 | \$ | 120,246 | \$ | 123,778 | \$ | 83,428 |
| Source: U.S. Census Bureau <br> * Preliminary |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Additional information regarding demographic and economic conditions for San Antonio can be found in the Statistical Section of this report on pages 97 and 98.

## LONG-TERM FINANCIAL PLANNING

## Capital Improvement Program

Capital spending associated with the acquisition and integration of additional water supplies as well as capital requirements associated with maintaining and replacing existing infrastructure will necessitate future rate adjustments. Over the next five years it is currently projected that SAWS will expend more than $\$ 330$ million in procuring and developing additional water resources, while over this same time period it is projected that an additional $\$ 1.1$ billion will be spent on maintaining, replacing, expanding and upgrading our water and wastewater infrastructure. A graphic depiction of SAWS' projected capital spending requirements by core business follows:

## Capital Improvement Program



The projected capital spending requirements over this five year time horizon include:

Integration Pipeline \& Pump Station (\$108.9M) - Design services and construction for pump station facilities and pipelines necessary to integrate water supplies originating south and east of San Antonio, including water treated at the Aquifer Storage and Recovery facility, into the western portion of SAWS' service area. Total cost of this project is projected to be $\$ 173.6$ million including work already in progress.

Brackish Water Desalination ( $\$ 103.4 M$ ) - Development of a brackish water desalination plant is being planned for installation in southern Bexar County. Brackish groundwater could provide SAWS with a potential new source of water that can be developed close to San Antonio. The initial phase of the project is projected to treat 11,800 acre-feet per year. The treatment plant will be designed to accommodate additional upgrades and technologies. Future phases could develop additional brackish resources in Bexar County, bringing the total yield of the project up to 26,000 acre-feet annually. Total cost of this project is projected to be $\$ 192.1$ million including work already in progress.

Wastewater Collection System Growth and Rehabilitation ( $\$ 382.7 \mathrm{M}$ ) - Growth projects include replacing existing pipe with larger pipe to increase the capacity of the system, and extending pipe to areas currently underserved by a centralized sewer system. Rehabilitation projects rehabilitate or replace aging sewer pipes that are nearing the end of their useful life.

Treatment Plant Repair and Rebabilitation ( $\$ 57.7 M$ ) - Repair and rehabilitation work at all three of SAWS treatment plants to replace or rehabilitate aging infrastructure. Much of the work is at Dos Rios, rehabilitating sludge digesters to improve operating efficiency and increase the ability to capture sewer gas and reuse it as an energy source. Several projects at Leon Creek will be improvements to the infrastructure, including nutrient removal to improve the quality of the recycled water that is reused.

Dos Rios Re-rating ( $\$ 114.8 \mathrm{M}$ ) - This project consists of eight phases to re-rate the Dos Rios water recycling center from its currently permitted rated capacity of 125 mgd (million gallons per day) to 217 mgd . The rerating is necessary to address future increased flows to the plant due to growth in the San Antonio metropolitan area. The first phase is in construction and will improve the Dos Rios treatment process by focusing on the preliminary treatment part of the plant. Future phases will construct improvements to primary and secondary settling tanks and aeration tanks. The total cost of all eight phases of this project is projected to be $\$ 252$ million over the course of the next ten years.

Water and Wastewater Main Replacements (\$192.9M) - Planned and emergency replacement of water and wastewater mains throughout SAWS' service area. Planned replacements are determined based on a combination of factors such as age, level of deterioration and estimated failure rate.

Consistent with SAWS' capital financing policy, it is currently SAWS' intention to finance approximately onethird of these future capital expenditures with cash as opposed to debt financing. Despite this fact, it is still projected that SAWS overall debt burden will continue to grow over the next five years. Going forward, increasing debt service costs are anticipated to have the most significant impact on SAWS' overall financial position. In response to these higher levels of debt service, SAWS is actively attempting to identify further operational efficiencies while at the same time re-evaluating its capital plans and absolute level of rates charged.

## Rate Adjustments

The adoption of the fiscal year 2012 operating and capital budget included an average rate increase of $7.9 \%$ for services provided by SAWS. This rate increase is effective for usage beginning in January 2012. The increase in rates was driven largely by increased debt service costs associated with the 2012 portion of the capital spending discussed above. In addition to the $7.9 \%$ rate increase implemented for 2012, SAWS' current five year projections show the need for additional rate adjustments ranging from $6.0 \%$ to $9.8 \%$ over the time period 2013-2016 excluding increases attributable to the pass through fees assessed by the Edwards Aquifer Authority (EAA) and the Texas Commission on Environmental Quality (TCEQ). While SAWS' rate structure as of January 2012, which is $26 \%$ lower than the average of the other six largest Texas cities for SAWS average residential customer, is well placed to absorb these additional rate increases, SAWS is aggressively trying to identify additional opportunities to mitigate at least a portion of these increases.

## FINANCIAL POLICIES

## Rates and Charges

During the development of the Annual Budget, SAWS develops revenue budgets and related rates and charges sufficient to:
a. Pay operating and maintenance expenses;
b. Produce pledged revenues sufficient to pay:
i. $\quad 1.25$ times the annual debt service requirements and
ii. The amounts required to be deposited in any reserve fund created for the payment and security of senior lien obligations;
c. pay outstanding debt service obligations;
d. fund transfers to the City of San Antonio; and
e. pay any other debt payable from the net revenues.

SAWS' revenue budgets are based on projected customer growth as well as water and wastewater usage patterns during periods of normal precipitation. During years where rainfall is lower than normal, water usage increases and SAWS' operating revenues generally exceed forecasted amounts. SAWS uses these excess revenues to minimize future debt financing of its capital projects and to buffer the impact of wetter than normal years on revenues. As a result of lower than normal rainfall during 2011 and the resulting increase in water usage, operating revenues exceeded the budget by $\$ 17.6$ million.

## Capital Financing

SAWS' capital financing consists of two types of funding: pay as you go financing and debt financing. Pay as you go financing is an integral part of SAWS' overall financing plan. Pay as you go financing is defined as all sources of funding other than debt issuance and includes unrestricted fund balances, developer contributions, investment earnings and grants. Debt financing consists of commercial paper issuances as well as revenue bond funding. The use of commercial paper serves as just-in-time debt financing and helps to reduce interest costs during the construction phase of capital projects. Eventually, revenue bonds are issued to term out the commercial paper borrowings.

SAWS' goal is to fund approximately $30 \%-35 \%$ of annual capital expenditures with pay as you go financing. This level will vary based on the availability of funds. During 2011, SAWS' capital expenditures totaled $\$ 237.8$ million with $23 \%$ or $\$ 55.7$ million of those expenditures having been funded with pay as you go sources. While the percentage of 2011 cash funding fell slightly below our stated goal, pay as you go financing in future years will likely increase as we complete several key water supply projects.

## MAJOR INITIATIVES

## Conservation

As evidenced by our five-year capital spending projections, the cost of developing and acquiring additional water supplies to meet the increased water demands of San Antonio's projected future population is extremely high. SAWS recognizes that efforts to improve conservation are a cost-efficient approach to minimizing the increase in demand for water caused by population growth. Beginning in 1994, SAWS implemented progressive water conservation programs aimed at reducing the number of gallons of water used. These programs target both indoor and outdoor residential use, commercial and industrial use.

Residential programs include the distribution of high-efficiency toilets, providing leak repairs and retrofits to qualified low-income customers and providing free irrigation system reviews for ratepayers to determine maintenance needs and make suggestions for improving efficiency. Commercial programs include custom industrial rebates to improve water using processes, assistance with the installation of high-efficiency toilets and other water conserving equipment, commercial landscape consultations, as well as providing free cooling tower assessments to customers to identify opportunities for water and energy savings.

Some highlights of SAWS' conservation initiatives during 2011 included:

- total annual water savings of approximately 2,838 acre feet
- retrofit of 6,441 residential high efficiency toilets
- retrofit of 4,640 commercial high-efficiency toilets
- conducted 2,365 indoor and outdoor audits for customers
- conducted 50 commercial consultations
- publication of a weekly WaterSaver e-newsletter currently reaching 11,000 people each week
- issued 577 commercial Washright rebates in the final year of the commercial program
- performed 408 Plumbers to People visits
- performed 355 home makeover visits and retrofits

SAWS' conservation efforts over time have had a dramatic impact on water usage per customer since SAWS was created in 1992 . While years with dry weather result in spikes in the gallons used per bill, the chart below shows the trend in gallons used per bill has been steadily declining. This decline translates into a significant reduction in the amount of water supplies SAWS will need to obtain to meet future demands for water.

(a) Data for 7 months ending Dec. 31, 2001. In 2001, the SAWS Board of Trustees approved a change in the fiscal year end from May 31st to Dec. 31st.

## Water Management Plan

In May 2009, the Board of Trustees approved, and the City Council endorsed, a Water Management Plan Update. This plan reflects the continuing efforts of the organization to update and revise its water resources planning efforts as conditions warrant. Specifically, SAWS evaluated its existing water supply projects and refined a series of conservation and water resource strategies that will enable it to provide adequate water supplies, even during critical drought periods, over a fifty-year planning horizon. The objectives of the planning efforts are to postpone dependence on more costly resources, when possible; to promote greater use of nonEdwards Aquifer supplies in the long-term; and to recognize the reality that future water supplies must be affordable.

The strategies outlined in the 2009 Water Management Plan Update build on the process that began in 1996 to maintain a fifty-year plan with the feedback of various stakeholder groups in both the community and region at large. In 2000, the City Council created a permanent funding mechanism (known as the Water Supply Fee) for water supply development and water quality protection through Ordinance No. 92753. The Water Supply Fee provides a specific funding source for the development of water resources.

The 2009 Water Management Plan Update outlines a diversified portfolio of San Antonio's current and future water supplies. While the Edwards Aquifer will always be the cornerstone of San Antonio's water supply, SAWS has already successfully developed several alternative water sources, such as Canyon Lake, the Trinity Aquifer, and the Carrizo Aquifer. SAWS recycled water program provides highly treated wastewater to CPS Energy and other industrial, commercial, and irrigation customers who would otherwise use potable water. Additionally, SAWS underground Aquifer Storage and Recovery (ASR) reservoir allows for the collection and storage of Edwards Aquifer water during above average rainfall periods to be provided to our customers during times of drought. Funded by SAWS customers through the Water Supply Fee, these successful projects represent an investment of more than $\$ 730$ million over the last 11 years.

As of December 31, 2011, SAWS total inventory of Edwards Aquifer permitted water rights stands at 259,749 acre-feet, with more than 226,000 acre-feet of this inventory owned and the remainder leased. While no additional Edwards rights were purchased in 2011; SAWS maintained the inventory of leased Edwards rights in 2011 by renewing 5,734 acre-feet of previously-held leases and leasing an additional 763 acre-feet of new water rights.

Due to the record drought conditions throughout most of Texas and particularly South-Central Texas and the resulting impact on the level of water in the Edwards Aquifer, the Edwards Aquifer Authority (EAA) imposed pumping cut-backs on permit holders averaging $19.2 \%$ during 2011. SAWS utilized a combination of water obtained from non-Edwards sources, water recovered from ASR and outdoor water restrictions to manage to the EAA cut-backs. Even though SAWS recovered over 13,000 acre feet of water from ASR during the year, nearly 88,000 acre-feet of water remained stored in ASR as of December 31, 2011 as amounts stored during the first and last quarters of the year helped to replenish water recovered during the hot, dry summer months.

In 2010, SAWS Regional Carrizo Project took a major step forward with the Gonzales County Underground Water Conservation District Board of Directors approving production and transport permits for 11,688 acrefeet of water from the Carrizo Aquifer. SAWS also finalized negotiations on a Mutual Regional Water Supply Contract (Contract) with the cities of Schertz and Seguin, and the Schertz-Seguin Local Government Corporation (SSLGC), to utilize excess capacity in an existing pipeline to transport Carrizo Aquifer water. This Contract was subsequently approved by the Schertz and Seguin City Councils, the SSLGC Board and the SAWS Board of Trustees in January and February 2011. In addition to the treatment and transportation of the 11,688 acre feet of SAWS permitted water, the pipeline-sharing agreement allows SAWS the option to purchase an average of 3,400 additional acre-feet per year of water already permitted to SSLGC and surplus to Schertz, Seguin and their wholesale customers. SAWS also reached agreement with the Gonzales County Water Supply Corporation to purchase approximately 1,000 acre-feet per year of Carrizo Aquifer water. Finally, a mitigation settlement agreement was also reached with the City of Nixon in 2010. Well Drilling began in late 2011 and design of the delivery pipelines and pump station system was approved in February 2011. SAWS expects to begin receiving water from this project in 2014.

The Brackish Groundwater Desalination (BGD) Program began over 6 years ago in 2005. Currently the feasibility work has been completed and SAWS is transitioning into the design phase of the Program, which will be completed utilizing a Program Manager. Phase 1 of the Program is estimated to be completed late 2016 and will deliver 11,200 acre feet of water to San Antonio.

The following pie chart illustrates SAWS' available sources of water supply as of December 2011 under nondrought conditions:


## Edwards Aquifer Recovery Implementation Program

In 1993, the Texas Legislature created the Edwards Aquifer Authority (EAA) as a conservation and reclamation district. The EAA was given broad powers to manage, conserve, preserve and protect the Edward Aquifer and to increase the recharge of, and prevent the waste or pollution of water in the Edwards Aquifer. Among other charges, the EAA was directed to limit groundwater withdrawals from the Edwards Aquifer through a permitting system. The EAA was also directed by the Texas legislature to ensure that, not later than December 31, 2012, the continuous minimum spring flows of the Comal Springs (in New Braunfels) and the San Marcos Springs (in San Marcos) are maintained to protect endangered and threatened species. In connection with this directive, the Edwards Aquifer Recovery Implementation Program (EARIP) was established in 2007. The Legislature called for the EARIP to be developed through a consensus-based process that involved input from the U.S. Fish and Wildlife Service (USFWS), other appropriate federal agencies, and all interested stakeholders in the Edwards region.

The primary parties to the EARIP included the EAA, SAWS, the City of New Braunfels, the City of San Marcos and Texas State University. These parties worked through this process along with USFWS and other stakeholders through an EARIP Steering Committee over the past four years to develop a Habitat Conservation Plan (HCP). The HCP will be used by the USFWS as the basis for issuing an Incidental Take Permit which will protect San Antonio and the region from the threat of future environmental lawsuits and
federal control of the aquifer. The EARIP Steering Committee approved the HCP along with the implementing and financing agreements in November 2011. The SAWS Board of Trustees also approved these documents in November 2011. Approval by all other parties culminated with EAA adoption of the program documents in December 2011.

A critical issue associated with the HCP has been funding. Annual HCP implementation costs are estimated to average $\$ 17.5$ million over the 15 year term of the plan. The EARIP Steering Committee sought first to obtain authorization from the Texas Legislature in 2011 for a regional election to consider a sales tax to support the program. This effort was unsuccessful and it is expected that EARIP participants will try again to seek approval during the 2013 session of the Texas Legislature. The next funding option was to ask the EAA to impose an additional fee on pumpers of Edwards Aquifer groundwater.

For 2012, the baseline EAA pumping fee for municipal and industrial pumpers supporting normal EAA operations was originally set at $\$ 47$ per acre-foot. To support $\$ 15.3$ million in HCP start-up costs in 2012, the EAA approved an additional $\$ 37$ per acre-foot fee in February 2012 bringing the total EAA pumping fee to $\$ 84$ per acre foot for municipal and industrial pumpers. The HCP portion of the EAA pumping fee will be effective for SAWS customers in April 2012. It is expected that the monthly volumetric pass-through charge for the EAA fee for the average SAWS residential customer will increase from $\$ 1.34$ to $\$ 3.04$. A full year of EARIP costs starting in 2013 will likely require the EAA to raise the EARIP component of the 2013 pumping fee from $\$ 37$ to $\$ 50$ per acre-foot which may require further adjustments to the volumetric passthrough charge for SAWS customers.

## Meter Replacement Program

In 2011, SAWS also implemented a program to begin replacing water meters that may be under registering water usage. Based on a sample testing of meters in service, SAWS determined that the accuracy of meters generally diminished after 15-20 years. Using meter age as a criteria, SAWS crews and a third party contractor began replacing potentially inaccurate meters. During 2011, 38,819 water meters were replaced. In an effort to accurately account for water used by customers, SAWS plans to continue this meter replacement program going forward.

## Sanitary Sewer Collection System

SAWS regularly prioritizes sewer deficiencies to be addressed and has developed a comprehensive program of maintenance, monitoring and repair of sewer lines including:

- Annual pipeline cleaning: SAWS has been steadily increasing the number of miles of sewer line cleaned each year. In 2008, over 500 miles were cleaned while almost 1,200 miles of sewer line were cleaned in 2011. SAWS projects that approximately 1,300 miles of sewer line will be cleaned in 2012 .
- Implementation of a Fats, Oil and Grease (FOG) program: In May 2011, the City Council adopted a program intended to reduce the damaging effects to the sewer system from the discharge of FOG by food service establishments (FSE) by changing the requirements for evaluating grease traps, and by encouraging the use of best management practices (BMP's) in the control and disposal of grease. Beginning in 2012, the use of BMP's will be encouraged by the assessment of a lower monthly fee for FSE's who comply with BMP's and a higher fee for those that elect not to comply. Additionally, under the program all FSE's will be inspected by SAWS on a more frequent basis.
- Video monitoring and smoke testing of sewer lines: In 2011, SAWS conducted video monitoring of 236 miles of sewer lines and smoke tested 671 miles of sewer lines.


## Integrated Software System

In 2006, SAWS initiated a program to implement an integrated software system, called Enterprise Resource Software System (ERSS). The ERSS program is composed of various third-party developed information systems applications. The total budget to implement all applications within the ERSS program is currently $\$ 31.1$ million. In 2007 and 2008 the Finance, Procurement, Human Resources, Payroll, Budgeting, Asset Management, Work Order and phase one of Permitting applications were implemented. Phase two of the Permitting application was implemented in the fourth quarter of 2011. The final component of the Program is the Customer Information System. SAWS is actively working with the third party software vendor to develop a system that will meet SAWS' functional requirements. It is expected that it will take another 18 to 24 months to finish developing, testing and implementing the Customer Information System. As a result of the additional time necessary for this implementation, SAWS projects that the total budget for the ERSS will likely increase by approximately $\$ 5$ million.

## Integration of Bexar Metropolitan Water District Assets and Operations

On November 8, 2011, 74\% of voters in the Bexar Metropolitan Water District voted in favor of dissolving the utility and for transferring the responsibility for its assets and operations to SAWS. The election was authorized by the Texas Legislature through Senate Bill (SB) 341, adopted in May 2011. In accordance with SB 341, final assumption of control of BexarMet operations by SAWS was predicated on preclearance of the election results by the U.S. Department of Justice (DOJ), which was received on January 28, 2012. During 2011, SAWS worked to develop a plan to integrate of BexarMet customers, employees, operations and assets. The execution of that plan commenced immediately upon receipt of the DOJ notification. As authorized by SB 341 and San Antonio City Council ordinance, the former BexarMet assets will be operated as a separate component unit of SAWS until full integration occurs over a period lasting up to five years. During this period, the separate component unit will be referred to as the San Antonio Water System District Special Project (DSP). DSP customers will be provided water service under a rate structure separate from SAWS' water rates until full integration with SAWS is able to occur. See Note $L$ to the financial statements for additional information about the SAWS assumption of BexarMet.

## AWARDS AND ACKNOWLEDGEMENTS

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to SAWS for its Comprehensive Annual Financial Report for the year ended December 31, 2010. In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized Comprehensive Annual Financial Report whose contents conform to program standards. Such reports must satisfy both generally accepted accounting principles and applicable legal requirements. SAWS has received this recognition for its comprehensive annual financial report for eighteen consecutive years. We believe our current report continues to conform to the Certificate of Achievement Program requirements and we are submitting it to GFOA.

SAWS also received the GFOA's Distinguished Budget Presentation Award for its annual budget document for the fiscal year beginning January 1, 2012. This is the sixth time that SAWS has received this award. In order to receive this award, SAWS must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan and as a communications device.

The timely preparation of the CAFR for the year ended December 31, 2011 could not have been accomplished without the cooperation and dedicated services of the Accounting Department under the direction of Mrs. Mary Bailey. We also wish to express sincere appreciation to each member of the Board of Trustees for the interest and support provided in conducting the financial affairs of SAWS in a sound and progressive manner.

Respectfully submitted,


Robert R. Puente
President/Chief Executive Officer
 Sr.Vice President/Chief Financial Officer

# MEMBERS OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES 

|  | Term Expires | Occupation |
| :--- | :--- | :--- |
| Berto Guerra, Jr. - Chairman | May 31, 2014 | Chairman and CEO - <br> Avanzar Interior Technologies <br> GP, LLC, and co-owner of <br> Toyota Boerne |
| Willie A. Mitchell - Vice Chairman | May 31, 2010(a) Educational Consultant |  |
| Roberto Anguiano - Secretary | May 31, 2012 | Retired SAWS Plant Superintendent |
| Samuel E. Luna - Assistant Secretary | May 31, 2013 | Professor - <br> San Antonio College |
| Elizabeth M. Provencio - Trustee | May 31, 2013 | Attorney - <br> Denton, Navarro, Rocha Bernal PC |
| Louis E. Rowe - Trustee | May 31, 2013 | President and CEO - <br> Goetting \& Associates |
| Julián Castro, Mayor - Ex Officio | May 31, 2013 | Attorney - Sole Practitioner |
|  |  |  |

(a) In accordance with state law, incumbent continues to serve in position pending action by San Antonio City Council.

## SAN ANTONIO WATER SYSTEM ORGANIZATION CHART



# Certificate of Achievement for Excellence in Financial Reporting 

Presented to

## San Antonio Water System

Texas

For its Comprehensive Annual<br>Financial Report<br>for the Fiscal Year Ended

December 31, 2010
A Certificate of Achievement for Excellence in Financial
Reporting is presented by the Government Finance Officers Association of the United States and Canada to government units and public employee retirement systems whose comprehensive annual financial reports (CAFRs) achieve the highest standards in government accounting and financial reporting.


## FINANCIAL SECTION

# Independent Auditors' Report 

To the Board of Trustees<br>San Antonio Water System<br>San Antonio, Texas

We have audited the accompanying balance sheets of San Antonio Water System ("SAWS"), a component unit of the City of San Antonio, Texas, as of December 31, 2011 and 2010, and the related statements of revenues, expenses, and changes in equity and cash flows for the years then ended and the statements of net plan assets and statements of changes in net plan assets as of and for the years ended December 31, 2011 and 2010. These financial statements are the responsibility of the management of SAWS. Our responsibility is to express opinions on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over finaticial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of SAWS' internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinions.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of SAWS as of December 31, 2011 and 2010, and the changes in its net assets and its cash flows for the years then ended and the financial position of its net plan assets and changes in net plan assets as of and for the years ended December 31, 2011 and 2010, in conformity with accounting principles generally accepted in the United States of America.

In accordance with Government Auditing Standards, we have also issued our report dated March 20, 2012, on our consideration of SAWS' internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards and should be considered in assessing the results of our audit.

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis and Post Employment Benefit Plans - Schedules of Funding Progress be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with evidence sufficient to express an opinion or provide any assurance.

Our audits were conducted for the purpose of forming opinions on the financial statements that collectively comprise SAWS' basic financial statements. The Description of Funds and Combining Schedules, and Supplemental Schedules, as listed in the table of contents, are presented for purposes of additional analysis and are not a required part of the financial statements. The accompanying Schedule of Expenditures of Federal Awards is presented for purposes of additional analysis as required by U.S. Office of Management and Budget Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations, and is also not a required part of the financial statements of SAWS. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the Schedule of Expenditure of Federal Awards is fairly stated in all material respects in relation to the financial statements as a whole.

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise SAWS' basic financial statements. The Introductory Section, Statistical Section, and Bonded Debt Schedules and Analyses, as listed in the table of contents, are presented for additional analysis and are not a required part of the basic financial statements. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion or provide any assurance on them.


Certified Public Accountants
March 20, 2012

## Management's Discussion and Analysis

This Management Discussion and Analysis (MD\&A) serves as an introduction to the basic financial statements and provides a narrative overview and analysis of financial activities and performance as detailed in the Comprehensive Annual Financial Report (CAFR) for the fiscal year ending December 31, 2011. Please read it in conjunction with the transmittal letter at the front of this report and SAWS' financial statements including the notes to the financial statements, which follow this section.

## FINANCIAL HIGHLIGHTS

- SAWS' total equity increased by $\$ 83.4$ million during 2011.
- Total revenues increased from $\$ 372.5$ million in 2010 to $\$ 424$ million in 2011 largely as a result of a $12.5 \%$ increase in water usage combined with rate increases that went into effect in November 2010.
- Operating expenses decreased $\$ 26.8$ million from 2010 to $\$ 307.4$ million largely as a result of recording certain non-cash charges in 2010 associated with capital asset impairments and eliminations.
- Cash flows from operating activities reached an all time high of $\$ 222.1$ million in 2011.
- Taking advantage of the historically low interest rate environment and SAWS strong credit ratings, SAWS refunded over $\$ 165$ million of outstanding bonds, reducing future debt service payments by more than $\$ 21$ million.
- At the end of 2011, SAWS maintained unrestricted cash and investments of $\$ 188$ million with an additional $\$ 35.2$ million cash and investments restricted as a reserve equal to two months of budgeted operation and maintenance expenses.


## OVERVIEW OF THE FINANCIAL STATEMENTS

MD\&A is intended to serve as an introduction to the basic financial statements, which are comprised of the following components:

- Balance sheets - present information on all of SAWS' assets and liabilities as of the end of each calendar year, with the difference between the two reported as equity. Over time, increases or decreases in equity may serve as a useful indicator of whether the financial position of SAWS is improving or deteriorating.
- Statements of revenues, expenses and changes in equity - present information showing how equity changed during the years presented on an accrual basis. This statement measures the success of SAWS' activities and can be used to determine whether SAWS has successfully recovered all its costs through its rates and other charges.
- Statements of cash flows - reflect cash receipts and payments for operating, non-capital financing, capital and related financing, and investing activities for the years presented.
- San Antonio Water System Retirement Plan Statements of Net Plan Assets - present information on SAWS single-employer retirement plan's assets and liabilities, with the difference between the two reported at net assets available for benefits.
- San Antonio Water System Retirement Plan Statements of Cbanges in Net Plan Assets - present information showing how net plan assets changed during the years presented on an accrual basis.
- Notes to financial statements - provide additional information that is essential to a full understanding of the data provided in the financial statements, such as SAWS' accounting policies, significant account balances and activities, material risks, obligations, commitments, contingencies and subsequent events, if any.
- Required Supplemental Information - Information is presented concerning SAWS' progress in funding its obligations to provide pension and other post employment benefits to its employees.

Other supplemental information is presented for additional analysis and is not a required part of the basic financial statements.

- Description of Funds and Combining Schedules - SAWS has established certain self-balancing funds to comply with state law and bond covenants for purposes of internal control and reporting. The fund financial schedules keep track of specific sources of funding and spending for particular purposes and provide more detailed information about SAWS' most significant funds.
- Supplemental Schedules - Includes schedules that provide information relative to the sources and uses of funds in accordance with SAWS' founding ordinance, budgetary information, and more detailed information on SAWS' capital assets and allowance for depreciation.
- Statistical Section - Presents detailed information as a context for understanding what the information in the financial statements, note disclosures and required supplementary information says about SAWS' overall financial health.
- Bonded Debt Schedules and Analyses - Includes detailed schedules that provide information relative to SAWS' various bond obligations.
- Federal Award Section - Information is presented related to the single audit act in conformity with the provisions of the Single Audit Act Amendments of 1996 and the U.S. Office of Management and Budget Circular A-133 "Audits of States, Local Governments, and Non-Profit Organizations".


## FINANCIAL ANALYSIS - FINANCIAL POSITION

| CONDENSED BALANCE SHEETS |  |  |  |  |  |  | 2011-2010 |  |  | 2010-2009 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (amounts in thousands) | 2011 |  | As of December 31, |  |  | 2009 |  | Increase <br> Decrease) | \% Change |  | crease <br> ecrease) | \% Change |
| Current assets | \$ | 371,150 | \$ | 317,419 | \$ | 321,640 | \$ | 53,731 | 17\% |  | $(4,221)$ | (1\%) |
| Capital assets, net |  | 3,553,065 |  | 3,362,867 |  | 3,174,264 |  | 190,198 | 6\% |  | 188,603 | 6\% |
| Other non-current assets |  | 257,329 |  | 339,363 |  | 329,835 |  | $(82,034)$ | (24\%) |  | 9,528 | 3\% |
| Total Assets | \$ | 4,181,544 | \$ | 4,019,649 | \$ | 3,825,739 | \$ | 161,895 | 4\% | \$ | 193,910 | 5\% |
| Current liabilities | \$ | 152,150 | \$ | 132,205 | \$ | 117,064 | \$ | 19,945 | 15\% | \$ | 15,141 | 13\% |
| Non-current liabilities |  | 2,166,954 |  | 2,108,383 |  | 1,930,067 |  | 58,571 | 3\% |  | 178,316 | 9\% |
| Total Liabilities |  | 2,319,104 |  | 2,240,588 |  | 2,047,131 |  | 78,516 | $4 \%$ |  | 193,457 | 9\% |
| Equity: |  |  |  |  |  |  |  |  |  |  |  |  |
| Invested in capital assets, net of related debt |  | 1,599,612 |  | 1,549,777 |  | 1,521,466 |  | 49,835 | 3\% |  | 28,311 | 2\% |
| Restricted equity |  | 124,785 |  | 115,865 |  | 103,639 |  | 8,920 | 8\% |  | 12,226 | 12\% |
| Unrestricted equity |  | 138,043 |  | 113,419 |  | 153,503 |  | 24,624 | 22\% |  | $(40,084)$ | (26\%) |
| Total Equity |  | 1,862,440 |  | 1,779,061 |  | 1,778,608 |  | 83,379 | 5\% |  | 453 | 0\% |
| Total Liabilities and Equity | \$ | 4,181,544 | \$ | 4,019,649 | \$ | 3,825,739 | \$ | 161,895 | 4\% | \$ | 193,910 | 5\% |

Equity: Over time, increases or decreases in equity may serve as a useful indicator of whether the financial position of SAWS is improving or deteriorating. SAWS' equity increased $\$ 83.4$ million from 2010 to 2011 and increased $\$ .5$ million from 2009 to 2010.

'The largest portion of SAWS' equity reflects its investment in capital assets, less the related debt to acquire those assets. The capital assets reflected in this category represent the utility plant assets that SAWS utilizes to generate revenues to service the debt obligations and pay the operating costs of the organization. Any cash and investment amounts restricted for construction purposes are also reflected in these totals. The $\$ 49.8$ million increase from 2010 to 2011 reflects $\$ 59.5$ million of capital contributions from developers as well as the funding of 2011 capital expenditures with renewal and replacement funds offset by the depreciation expense for the year. The $\$ 28.3$ million increase from 2009 to 2010 reflects $\$ 53.3$ million of capital contributions from developers and funding of capital expenditures with non-debt sources offset by 2010 depreciation expense.

Funds that have been restricted for a specific purpose by legally enforceable legislation and bond covenants are classified as restricted equity. The components of restricted equity include funds Restricted for Operating Reserve, Restricted for Debt Service and Restricted for Reserve Fund.

As of December 31, 2011, $\$ 35.2$ million of cash and investments was classified as Restricted for Operating Reserve. This amount is restricted in accordance with the requirements of City of San Antonio Ordinance 75686 that calls for the establishment and maintenance of an operating reserve of two months of the annual maintenance and operations budget. The amount of cash and investments restricted for this purpose will vary from year to year with any changes in the budgeted level of maintenance and operations expense.

Additionally, $\$ 34.9$ million of cash and investments was restricted for debt service purposes at December 31, 2011. The cash and investments, net of restricted liabilities that was restricted for debt purposes increased over 2010 and 2009 levels of $\$ 31.2$ million and $\$ 27.5$ million, respectively, as a result of increases in the annual debt service requirements occurring during the years 2010-2012.

The requirements of Ordinance 75686 stipulate that SAWS must accumulate and maintain a reserve equal to $100 \%$ of the maximum annual debt service requirements for senior lien debt obligations. Increases in the required reserve amount may be deposited into the Reserve Fund over a five year period. Ordinance 75686 allows for SAWS to provide surety policies equal to all or part of the required reserve. Prior to 2008, SAWS acquired surety policies on debt issuances in lieu of depositing cash in its Reserve Fund. Due to downgrades in the credit ratings of certain of these surety policy providers during 2008 and 2009, SAWS has been required to make deposits into its Reserve Fund. Additional deposits to the Reserve Fund were also required as a result of debt issued during 2008-2011 without surety policies. SAWS made cash deposits to the Reserve Fund totaling $\$ 30.3$ million in 2009, $\$ 9.2$ million in 2010 and $\$ 3.7$ million in 2011 . Bond proceeds were also used to deposit an additional $\$ 5.9$ million in 2009 , $\$ .4$ million in 2010 and $\$ 5.4$ million in 2011 . Reserve fund deposits are required to be maintained until a) the revenue bonds mature, b) the surety policy provider's credit ratings improve to the minimum ratings required under SAWS bond ordinance, or c) new surety policies are provided that meet the requirements of the bond ordinance. As of December 31, 2011 additional deposits to the Reserve Fund of $\$ 13$ million will be required over the next four years related to debt currently outstanding. SAWS does not believe that funding these reserve deposits will have a material adverse impact on its operations or financial condition.

The remaining balance of SAWS' equity represents unrestricted equity and may be used for any allowable purpose as outlined in Ordinance 75686. Unrestricted equity increased $\$ 24.6$ million from 2010 to 2011 as funds provided by operations more than offset transfers to the Reserve Fund and funding of capital expenditures with renewal and replacement funds. The $\$ 40.1$ million decrease in unrestricted equity from 2009 to 2010 was the result of transfers to the Reserve Fund and funding of capital expenditures with nondebt sources, partially offset by funds provided by operations.

## FINANCIAL ANALYSIS - REVENUES, EXPENSES AND CHANGES IN EQUITY

During 2011, SAWS' equity increased by $\$ 83.4$ million which consisted of income before capital contributions of $\$ 23.9$ million and capital contributions of $\$ 59.5$ million. In 2010, SAWS' equity increased by $\$ .5$ million. Capital contributions of $\$ 53.3$ million in 2010 were almost entirely offset by a $\$ 52.8$ million loss before capital contributions.

| CONDENSED STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN EQUITY |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | 2011-2010 |  |  | 2010-2009 |  |  |
| (amounts in thousands) | Year-ended December 31, |  |  |  |  |  |  | crease <br> ecrease) | $\begin{gathered} \text { \% } \\ \text { Change } \end{gathered}$ |  | ncrease ecrease) |  |
| Operating revenues |  |  |  |  |  |  |  |  |  |  |  |  |
| Water delivery system | \$ | 125,188 | \$ | 106,864 | \$ | 105,204 | \$ | 18,324 | 17\% | \$ | 1,660 | 2\% |
| Water supply system |  | 130,755 |  | 117,402 |  | 113,783 |  | 13,353 | 11\% |  | 3,619 | 3\% |
| Wastewater system |  | 150,295 |  | 132,291 |  | 133,641 |  | 18,004 | 14\% |  | $(1,350)$ | (1\%) |
| Chilled water and steam system |  | 11,631 |  | 12,223 |  | 12,714 |  | (592) | (5\%) |  | (491) | (4\%) |
| Total operating revenues |  | 417,869 |  | 368,780 |  | 365,342 |  | 49,089 | 13\% |  | 3,438 | 1\% |
| Non-opertating revenues |  | 6,180 |  | 3,742 |  | 4,511 |  | 2,438 | 65\% |  | (769) | (17\%) |
| Total Revenues |  | 424,049 |  | 372,522 |  | 369,853 |  | 51,527 | 14\% |  | 2,669 | 1\% |
| Operating expenses |  |  |  |  |  |  |  |  |  |  |  |  |
| Salaries and fringe benefits | \$ | 127,816 | \$ | 121,523 | \$ | 115,177 | \$ | 6,293 | 5\% | \$ | 6,346 | 6\% |
| Contractual services |  | 66,900 |  | 82,708 |  | 89,112 |  | $(15,808)$ | (19\%) |  | $(6,404)$ | (7\%) |
| Materials and supplies |  | 24,868 |  | 20,320 |  | 22,768 |  | 4,548 | $22 \%$ |  | $(2,448)$ | (11\%) |
| Other charges |  | 21,756 |  | 36,883 |  | 24,398 |  | $(15,127)$ | (41\%) |  | 12,485 | 51\% |
| Less costs capitalized to construction in progress |  | $(32,282)$ |  | $(34,945)$ |  | $(35,643)$ |  | 2,663 | (8\%) |  | 698 | (2\%) |
| Depreciation expense |  | 98,374 |  | 107,761 |  | 86,535 |  | $(9,387)$ | (9\%) |  | 21,226 | 25\% |
| Total operating expenses |  | 307,432 |  | 334,250 |  | 302,347 |  | $(26,818)$ | (8\%) |  | 31,903 | 11\% |
| Non-operating expenses |  |  |  |  |  |  |  |  |  |  |  |  |
| Amortization of debt issuance costs |  | 1,809 |  | 2,081 |  | 1,465 |  | (272) | (13\%) |  | 616 | 42\% |
| Other finance charges |  | 2,881 |  | 2,936 |  | 2,508 |  | (55) | (2\%) |  | 428 | 17\% |
| Interest expense |  | 77,751 |  | 76,805 |  | 67,686 |  | 946 | 1\% |  | 9,119 | 13\% |
| (Gain)/Loss on sale of capital assets |  | (773) |  | (392) |  | 104 |  | (381) | 97\% |  | (496) | (477\%) |
| Payments to City of San Antonio |  | 10,926 |  | 9,565 |  | 9,740 |  | 1,361 | 14\% |  | (175) | (2\%) |
| Payments to other entities |  | 124 |  | 124 |  | 119 |  | - | 0\% |  | 5 | 4\% |
| Total non-operating expenses |  | 92,718 |  | 91,119 |  | 81,622 |  | 1,599 | 2\% |  | 9,497 | 12\% |
| Total Expenses |  | 400,150 |  | 425,369 |  | 383,969 |  | $(25,219)$ | (6\%) |  | 41,400 | 11\% |
| Increase/(decrease) in equity |  |  |  |  |  |  |  |  |  |  |  | 274\% |
| Capital Contributions |  | 59,480 |  | 53,300 |  | 66,875 |  | 6,180 | 12\% |  | $(13,575)$ | (20\%) |
| Change in Equity |  | 83,379 |  | 453 |  | 52,759 |  | 82,926 | 18306\% |  | $(52,306)$ | (99\%) |
| Equity, beginning of year |  | 1,779,061 |  | 1,778,608 |  | 1,725,849 |  | 453 | 0\% |  | 52,759 | 3\% |
| Equity, end of year | \$ | $\underline{ }$ | \$ | 1,779,061 | \$ | 1,778,608 | \$ | 83,379 | 5\% | \$ | 453 | 0\% |

Operating Revenues: SAWS’ operating revenues are provided by its four core businesses: Water Delivery, Water Supply, Wastewater, and Chilled Water and Steam. Changes in operating revenues from year to year are largely the result of weather conditions, customer growth and changes in rates for service. SAWS' operating revenues increased from $\$ 368.8$ million in 2010 to $\$ 417.9$ million in 2011. During 2011, Texas experienced one of the worst drought years in its recorded history. Lack of rainfall and extremely high temperatures during the summer months resulted in a $12.5 \%$ increase in water usage between 2010 and 2011. This increased water usage, average customer growth of $1.2 \%$ and the impact of rate increases that went into effect in November 2010 contributed to the increase in operating revenues from 2010. Rate increases that went into effect in November 2010 averaged $6.5 \%$ for SAWS' average residential customer. At the same time the rate increase was approved, the San Antonio City Council also approved a restructuring of the rates charged for water usage. The restructuring is expected to encourage conservation by sending a price signal to high landscape water users, while keeping essential indoor and business use reasonably priced.

Operating revenues increased in 2010 to $\$ 368.8$ million from $\$ 365.3$ million in 2009 . In addition to the rate increase and restructuring that was implemented in November 2010, SAWS began charging a monthly pass-
through fee to its water and wastewater customers in 2010 in order to recoup an increase in fees levied by the Texas Commission on Environmental Quality (TCEQ). The impact from these two initiatives, combined with an increase in the EAA pass-through fee and average customer growth of $1.2 \%$, served to offset a decrease in metered water usage of $4.9 \%$ from 2009.

The Water Delivery core business is responsible for the actual distribution of water from its source to the customer's premises. Operating revenues for this business are derived through a combination of a monthly service charge that is dependent upon the size of the customer's water meter and a volume charge that relates to the customer's actual water usage. Water Delivery operating revenues increased $\$ 18.3$ million or $17 \%$ to $\$ 125.2$ million in 2011 as a result of increased water usage, customer growth and the November 2010 increase of $2.2 \%$ in water delivery rates. Even though restrictions were imposed on outdoor water use during much of the year as a result of the drought, SAWS sold a record amount of water during 2011. Water Delivery operating revenues increased $\$ 1.7$ million or $2 \%$ to $\$ 106.9$ million in 2010. The decreased water usage between 2009 and 2010 was more than offset by revenue associated with customer growth, the nearly $\$ 1$ million generated from the newly implemented TCEQ pass-through fee, and the impact of the rate increase and restructuring that went into effect in November 2010.


Rainfall for 2011 was just slightly more than half the normal amount for the year. Through the first eight months of 2011 only 7.4 inches had fallen, which was $70 \%$ below normal for that period. This contrasts with 2010, when rainfall was almost $14 \%$ higher than normal. Most of the rain in 2010 occurred during the first nine months, with just an inch of rain falling in the last three months of the year. As noted in the following table, rainfall during much of 2011 was significantly lower than both normal and 2010 rainfall amounts, contributing to the increase in water usage from 2010 to 2011.


The Water Supply core business is responsible for all functions related to the development and provision of additional water resources. In order to support the costs associated with these initiatives, in 2000, SAWS implemented a separate funding mechanism, known as the Water Supply Fee, for water supply development and water quality protection. Also included in Water Supply operating revenues are a pass-through fee designed to recoup the annual fees paid to the Edwards Aquifer Authority (EAA) for permitted water rights, meter fees and volumetric charges to customers utilizing recycled water for industrial or irrigation purposes, and allocated portions of water delivery revenues designed to fund residential and commercial conservation programs and debt service associated with water and supply and recycle projects in progress prior to implementation of a separate water supply fee. In 2011, Water Supply operating revenues increased $\$ 13.4$ million or $11 \%$ to $\$ 130.8$ million. The impact of increased water usage, customer growth and the November 2010 increase of $2.9 \%$ in water supply rates more than offset the $\$ 1.6$ million decrease in the EAA passthrough fee. In 2010, Water Supply operating revenues were $\$ 117.4$ million, or $3 \%$ higher than 2010. An additional $\$ 3.4$ million provided by the EAA pass-through fee, customer growth and the impact of the November 2010 rate increase and restructuring more than offset the impact of the decrease in water usage in 2010.

The collection and treatment of wastewater is the primary function of the Wastewater core business. Approximately $60 \%$ of Wastewater operating revenues are generated by residential customers. The residential portion of Wastewater operating revenue is calculated based upon the average water usage of each residential wastewater customer during a three consecutive month billing period from November through March. This average, referred to as the average winter consumption (AWC) goes into effect with the April billing each year and continues for a period of twelve months.

The following chart depicts SAWS AWC since 1994. While periods of extremely dry weather lead to spikes in the AWC, water conservation efforts have resulted in an overall downward trend in the AWC over the past 17 years.


Wastewater operating revenues were $\$ 150.3$ million for 2011 , an increase of $\$ 18$ million or $14 \%$ from 2010. Due to below normal rainfall during the winter averaging period, the AWC that went into effect in April 2011 increased $7 \%$ from the 2010 AWC. The impact of the increase in the AWC, customer growth and the $11.9 \%$ wastewater rate increase that went into effect in November 2010 contributed to the growth in operating revenue in 2011. During 2010, Wastewater operating revenues of $\$ 132.3$ million were $\$ 1.4$ million or $1 \%$ lower than 2009. Due to the above normal rainfall during the winter averaging period, the AWC that went into effect in April 2010 decreased nearly 18\% from the 2009 AWC and was more than 500 gallons or $8 \%$ lower than the lowest level previously ever recorded by SAWS. The impact of this decrease in the AWC was partially offset by the impact of customer growth, the November 2010 rate increase and the $\$ .3$ million of revenue generated by the new TCEQ pass-through fee.

The Chilled Water and Steam core business is responsible for providing heating and cooling services to customers, including various downtown hotels, City of San Antonio facilities, the Alamodome, Port Authority of San Antonio tenants and Hemisfair Plaza tenants. Operating revenues for this core business declined $\$ .6$ million or $5 \%$ from 2010 and $\$ .5$ million or $4 \%$ from 2009 levels due to the loss of the Brooks City Base contract, which was discontinued in 2010.

Non-operating revenues: Non-operating revenues, which primarily represent interest income earned on investments and the federal interest subsidy on SAWS Build America Bonds ( BABs ), increased $\$ 2.4$ million during 2011 primarily due to the federal subsidy related to the BABs issued in November 2010. The increase in the BABs subsidy more than offset lower average yields on investments. The average investment balance decreased slightly from $\$ 513$ million in 2010 to $\$ 511.1$ million in 2011 while the average yield on SAWS's portfolio decreased from $.33 \%$ in 2010 to $.28 \%$ in 2011. During 2010, non-operating revenues decreased $\$ .8$ million from 2009 as the $\$ 1.8$ million federal subsidy received on the BABs issued in 2009 partially offset lower average yields on investments. While the average investment balance increased from $\$ 452.2$ million in 2009 to $\$ 513$ million in 2010, the average yield on SAWS's portfolio decreased from $.82 \%$ in 2009 to $.33 \%$ in 2010.

Operating Expenses: Total 2011 operating expenses of $\$ 307.4$ million decreased by $\$ 26.8$ million or $8 \%$ from 2010 levels. This decrease primarily consists of decreases in depreciation and write-offs associated with asset impairments as well as the settlement of SAWS lawsuit with Lower Colorado River Authority (LCRA).


During 2011, SAWS' salary and benefit related costs increased $\$ 6.3$ million or $5 \%$ over the prior year. This increase is driven primarily by increased in SAWS medical and retirement benefit costs as well as an increase in overtime pay. The increase in medical benefit costs, which accounted for $\$ 2.3$ million of the total increase, reflects the ongoing trend of rising medical expenses being experienced across the country. Certain steps were implemented during the course of 2011 in an effort to reduce the level of these increases going forward. SAWS retirement costs increased $\$ 1.8$ million during 2011 as a result of some changes made in the actuarial assumptions associated with these plans as well as the final "phase-in" of the significant decline in the market value of plan assets experienced in 2008. SAWS' salary expense including overtime, on-call and incentive pay increased by approximately $\$ 1.3$ million or $1.6 \%$ during 2011. The primary cause of this increase was the $\$ .9$ million increase in overtime costs which resulted from the increased number of water main breaks experienced during the summer as well as a significant ice storm which affected the San Antonio region in February 2011.

Certain contractual services, materials and supplies related to the production of water and maintenance of the system increased in 2011 primarily as a result of the extreme drought conditions. Maintenance related costs increased $\$ 8.9$ million from 2010 while utility costs associated with increased production grew $\$ 2.5$ million. More than offsetting these cost increases were several significant expense reductions during 2011. In November 2011, SAWS settled its lawsuit with LCRA related to a joint water supply project and recorded a $\$ 28.1$ million credit to contractual services. This settlement is discussed in more detail in Note D to the financial statements. Additionally, other charges decreased $\$ 15.1$ million due to a decrease in write offs of impaired capital assets and a decrease in the retiree healthcare costs. Write offs related to capital asset impairments were $\$ 3.8$ million in 2011 and $\$ 13.3$ million in 2010. Further discussion of these impairments is found in Note E. Due to changes made in cost sharing and eligibility requirements for SAWS' postretirement healthcare (OPEB) plan as well as the adoption of a plan to begin funding the OPEB obligation, the annual required contribution for this plan decreased $\$ 5$ million in 2011. Further discussion of changes to the OPEB plan is found in Note K.

In 2011, depreciation expense was $\$ 98.4$ million, a decrease of $\$ 9.4$ million or $9 \%$ from 2010 . While $\$ 171$ million in depreciable assets were added during 2011 to utility plant in service, 2010 depreciation expense
included a $\$ 13.4$ million one-time adjustment to fully depreciate assets eliminated due to a closure of SAWS' Salado Creek Treatment Plant. Further discussion of this adjustment to depreciation is found in Note E.

Total operating expenses were $\$ 334.3$ million in 2010 , an increase of $\$ 31.9$ million or $11 \%$ from 2009 . Increases in salary and benefit related costs and depreciation expense as well as write offs due to capital asset impairments were partially offset by aggressive efforts to reduce operating expenses during 2010. SAWS' salary and benefit related costs increased $\$ 6.3$ million or $6 \%$ from 2009. Although merit increases were not give to employees in 2010, the full year impact of merit increases and other market wage adjustments granted in 2009 contributed approximately $\$ 2.3$ million of the increase in salaries and benefits during 2010. Increasing pension and healthcare costs and lower employer turnover also contributed to the increase. Contractual Services and Material and Supplies decreased $\$ 8.9$ million from 2009 due to efforts to reduce costs and mitigate the impact of higher than normal rainfall on operating revenues. As previously discussed, write-offs related to capital asset impairments were $\$ 13.3$ million, an increase of $\$ 12.6$ million from 2009 . Depreciation expense for 2010 increased by $\$ 21.2$ million or $25 \%$ to $\$ 107.8$ million. This increase reflects the adjustment related to the Salado Creek Treatment Plant closure as well as the $\$ 256$ million in depreciable assets added to utility plant in service over the course of 2010.

Non-operating Expenses: 2011 non-operating expenses increased $\$ 1.6$ million or $2 \%$ from 2010 primarily due to increases in interest expense and payments to the City of San Antonio. Interest expense increased \$.9 million or $1 \%$ as an increase in average debt outstanding was partially offset by debt savings achieved through the refunding of more than $\$ 165$ million in bonds and an increase in interest capitalized during the year. Payments to the City of San Antonio increased in 2011 as a result of the increase in revenues. During 2010, non-operating expenses increased $\$ 9.5$ million or $12 \%$ from 2009 primarily due to an increase in interest expense. Interest expense increased $\$ 9.1$ million or $13 \%$ due to an increase in average debt outstanding.

Capital Contributions: Capital contributions for 2011 totaled $\$ 59.5$ million and represent an increase of $\$ 6.2$ million from 2010. In contrast, capital contributions of $\$ 53.3$ million in 2010 declined $\$ 13.6$ million from 2009. Both the increase in capital contributions during 2011 and the decrease during 2010 was due to changes in the amount of infrastructure donated by developers. Development activity picked up in 2011 as the economy began to recover and tight credit markets began to ease. Capital recovery fees decreased slightly in 2011, despite an increase in the fees charged to new customers that went into effect in June 2011 due to a slight reduction in customer growth.


## CAPITAL ASSET ACTIVITY

During 2011 SAWS' total capital assets (net of accumulated depreciation) grew from $\$ 3.4$ billion to $\$ 3.6$ billion, while during 2009, net capital assets increased from $\$ 3.2$ billion to $\$ 3.4$ billion. Capital asset additions were $\$ 293$ million in 2011 and $\$ 310$ million in 2010. The graph below shows the additions for each year by general category.


SAWS is committed under various contracts for completion of construction or acquisition of capital assets totaling $\$ 240$ million as of December 31, 2011. For further detail information on capital assets, refer to Note E.

## LONG-TERM DEBT ACTIVITY

In April 2011, SAWS issued $\$ 46.6$ million of senior lien revenue refunding bonds. The proceeds of these bonds were used to refund $\$ 50.2$ million of the outstanding Series 2001 bonds and pay the cost of issuance. In August 2011, SAWS issued $\$ 24.6$ million of junior lien revenue bonds and $\$ 18.1$ million of junior lien revenue and refunding bonds under Texas Water Development Board programs. The proceeds of these bonds were used to pay the cost of issuance, refund $\$ 2$ million of outstanding commercial paper and finance capital improvements. In October 2011, SAWS issued $\$ 165.1$ million of revenue refunding bond. The proceeds of these bonds were used to pay the cost of issuance and refund $\$ 34.6$ million of the Series 2002 bonds, $\$ 80.5$ million of the Series 2002 -A bonds and $\$ 60$ million of outstanding commercial paper. During the course of the year, SAWS also issued $\$ 35$ million in new commercial paper notes which were used to finance capital improvements. SAWS intends to reissue maturing commercial paper and ultimately refund such maturities with proceeds from the issuance of long-term revenue bonds. Consistent with this intent, SAWS classifies outstanding commercial paper notes as long-term debt.

In March 2010, SAWS issued $\$ 59.1$ million of junior lien revenue and refunding bonds. The proceeds of these bonds were used to refund $\$ 63.2$ million of the outstanding Series 1999 and 1999-A junior lien bonds and pay the cost of issuance. In November 2010, SAWS issued $\$ 110$ million in senior lien revenue bonds. The proceeds of these bonds were used to finance capital improvements and pay issuance costs. In December 2010, SAWS issued another $\$ 17.9$ million in junior lien revenue and refunding bonds under the Texas Water Development Board program. The proceeds of these bonds were used to refund $\$ 3.4$ million in outstanding commercial paper notes, pay the cost of issuance and finance capital improvements. SAWS also issued $\$ 77$ million in new commercial paper notes which were used to finance capital improvements. Additional information about SAWS' long-term debt can be found in Note H and Note L.

In April 2010, Fitch Ratings and Moody's Investors Service, Inc., released their recalibration ratings of all Texas local municipalities from US Municipal Ratings to the Global Scale Ratings. As a result, SAWS' credit ratings were recalibrated to "AA+" and "Aa1" respectively on its senior lien obligations and "AA" and "Aa2" respectively on its junior lien obligations. In September 2011, the rating agencies reaffirmed SAWS' credit ratings as indicated below. SAWS' high quality credit ratings are based on its large and diverse service area, sound financial management, long-term planning of water supply and infrastructure needs, and competitive water and sewer rates. SAWS' commercial paper ratings also remained unchanged during 2010 and 2011.


SAWS' bond ordinance requires the maintenance of a debt coverage ratio of at least 1.25 x the current annual debt service on outstanding senior lien debt. As of December 31, 2011 and 2010, SAWS was in compliance with the terms and provisions of the ordinances and documents related to its outstanding bonds and commercial paper.

| FINANCIAL RATIOS |  |  |  |
| :--- | :--- | :--- | :--- |
| Current Year Debt Coverage $\ddagger:$ | 2011 |  | 2009 |
| $\quad$ Senior Lien Debt | 2.28 x | 1.60 x | 1.80 x |
| All Debt | 1.74 x | 1.22 x | 1.41 x |
| Maximum Annual Debt Coverage $\ddagger:$ |  |  |  |
| $\quad$ Senior Lien Debt | 1.85 x | 1.30 x | 1.48 x |
| $\quad$ All Debt | 1.57 x | 1.11 x | 1.24 x |
| Equity (equity/ total liabilities + equity) | $44.5 \%$ | $44.3 \%$ | $46.5 \%$ |
| $\neq$ Debt service is net of federal interest subsidy. |  |  |  |

## ECONOMIC OUTLOOK FOR THE FUTURE

Effective beginning in January 2012, the San Antonio City Council approved an average rate increase of $7.9 \%$ for most services provided by SAWS. This rate adjustment was needed to provide additional funding to address aging infrastructure issues, support continued development of additional water supplies, and meet operational requirements. Customer growth has been somewhat steady during the last three years despite a weak economy and high unemployment levels. During 2011 customer connections grew $1.2 \%$ compared to $1.3 \%$ during 2010 and $1.1 \%$ during 2009. The San Antonio region is positioned to continue to grow at least moderately during the next few years. While continued customer growth can help offset increasing operating costs, the development of additional water supplies to service the growth in customers as well as the continuing costs to address infrastructure issues will require future rate adjustments.

## CONTACTING SAWS' FINANCIAL MANAGEMENT

This Comprehensive Annual Financial Report is provided to our citizens, customers, investors and creditors as a general overview of SAWS' financial condition and results of operation with a general explanation of the factors affecting the finances of the organization. It is provided to demonstrate SAWS' accountability for the revenues it collects and the expenditures it makes for the services provided. If you have questions about this report or need additional financial information, contact:

Douglas P. Evanson
Sr.Vice President/Chief Financial Officer
San Antonio Water System
PO Box 2449
San Antonio, Texas 78298
Information about the San Antonio Water System can also be obtained through the Internet at www.saws.org.

## BASIC FINANCIAL STATEMENTS

## San Antonio Water System

BALANCE SHEETS
(amounts in thousands)

|  | December 31, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2011 |  | 2010 |  |
| CURRENT ASSETS |  |  |  |  |
| Unrestricted Current Assets |  |  |  |  |
| Cash and cash equivalents | \$ | 53,636 | \$ | 48,393 |
| Investments |  | 134,413 |  | 95,013 |
| Accounts receivable, net of allowances for uncollectible accounts of $\$ 2,305$ and $\$ 2,334$, respectively |  | 46,356 |  | 47,104 |
| Other current assets |  | 9,317 |  | 9,457 |
| Total unrestricted current assets |  | 243,722 |  | 199,967 |
| Restricted Current Assets: |  |  |  |  |
| Cash and cash equivalents |  | 11,698 |  | - |
| Investments |  | 115,730 |  | 117,452 |
| Total restricted current assets |  | 127,428 |  | 117,452 |
| Total Current Assets |  | 371,150 |  | 317,419 |
| NONCURRENT ASSETS |  |  |  |  |
| Unrestricted Noncurrent Assets |  |  |  |  |
| Unamortized debt issuance costs |  | 17,680 |  | 19,017 |
| Deferred outflows - derivative instrument |  | 18,380 |  | 5,575 |
| Accounts receivable, non current |  | 7,985 |  | - |
| Restricted Noncurrent Assets: |  |  |  |  |
| Cash and cash equivalents |  | 26,983 |  | 41,336 |
| Investments |  | 186,301 |  | 273,435 |
| Capital Assets: |  |  |  |  |
| Utility plant in service |  | 4,001,854 |  | 3,845,768 |
| Less allowance for depreciation |  | 1,271,438 |  | 1,187,662 |
|  |  | 2,730,416 |  | 2,658,106 |
| Land, water rights and other intangible assets |  | 300,211 |  | 288,951 |
| Construction in progress |  | 522,438 |  | 415,810 |
| Total capital assets (net of accumulated depreciation) |  | 3,553,065 |  | 3,362,867 |
| Total Noncurrent Assets |  | 3,810,394 |  | 3,702,230 |
| TOTAL ASSETS | \$ | 4,181,544 | \$ | 4,019,649 |

The accompanying notes to financial statements form an integral part of this statement.

## San Antonio Water System <br> BALANCE SHEETS (continued) <br> (amounts in thousands)

|  | December 31, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2011 |  | 2010 |  |
| LIABILITIES |  |  |  |  |
| Current Liabilities To Be Paid From Unrestricted Assets |  |  |  |  |
| Accounts payable | \$ | 29,156 | \$ | 20,450 |
| Accrued vacation payable |  | 4,576 |  | 5,830 |
| Accrued payroll and benefits |  | 1,556 |  | 1,250 |
| Accrued claims payable |  | 10,565 |  | 8,526 |
| Sundry payables and accruals |  | 1,338 |  | 1,424 |
| Total unrestricted current liabilities |  | 47,191 |  | 37,480 |
| Current Liabilities To Be Paid From Restricted Assets |  |  |  |  |
| Accrued interest payable |  | 12,871 |  | 11,106 |
| Payables under construction contracts |  | 35,767 |  | 32,570 |
| Customers' deposits |  | 8,701 |  | 8,599 |
| Commercial paper notes |  | 2,840 |  | 2,720 |
| Revenue bonds payable within one year |  | 44,780 |  | 39,730 |
| Total restricted current liabilities |  | 104,959 |  | 94,725 |
| Total Current Liabilities |  | 152,150 |  | 132,205 |
| Noncurrent Liabilities |  |  |  |  |
| Accrued vacation payable |  | 2,919 |  | 783 |
| Unfunded postemployment benefits |  | 81,234 |  | 67,302 |
| Derivative instrument |  | 24,171 |  | 11,754 |
| Commercial paper notes |  | 212,090 |  | 241,930 |
| Revenue bonds payable after one year, net of unamortized premiums, discounts and deferred losses on refunding |  | 1,846,540 |  | 1,786,614 |
| Total Noncurrent Liabilities |  | 2,166,954 |  | 2,108,383 |
| TOTAL LIABILITIES |  | 2,319,104 |  | 2,240,588 |
| EQUITY |  |  |  |  |
| Restricted for operating reserve |  | 35,227 |  | 33,955 |
| Restricted for debt service fund |  | 34,862 |  | 31,222 |
| Restricted for reserve fund |  | 54,696 |  | 50,688 |
| Invested in capital assets, net of related debt |  | 1,599,612 |  | 1,549,777 |
| Unrestricted |  | 138,043 |  | 113,419 |
| TOTAL EQUITY |  | 1,862,440 |  | 1,779,061 |
| TOTAL LIABILITIES AND EQUITY | \$ | 4,181,544 | \$ | 4,019,649 |

The accompanying notes to financial statements form an integral part of this statement.

# San Antonio Water System <br> STATEMENTS OF REVENUES, EXPENSES <br> AND CHANGES IN EQUITY <br> For the Years Ended December 31, (amounts in thousands) 

| OPERATING REVENUES | 2011 |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: |
| Water delivery system | \$ | 125,188 | \$ | 106,864 |
| Water supply system |  | 130,755 |  | 117,402 |
| Wastewater system |  | 150,295 |  | 132,291 |
| Chilled water and steam system |  | 11,631 |  | 12,223 |
| Total operating revenues |  | 417,869 |  | 368,780 |
| OPERATING EXPENSES |  |  |  |  |
| Salaries and fringe benefits |  | 127,816 |  | 121,523 |
| Contractual services |  | 66,900 |  | 82,708 |
| Material and supplies |  | 24,868 |  | 20,320 |
| Other charges |  | 21,756 |  | 36,883 |
| Less costs capitalized to construction in progress |  | $(32,282)$ |  | $(34,945)$ |
| Total operating expenses before depreciation |  | 209,058 |  | 226,489 |
| Depreciation expense |  | 98,374 |  | 107,761 |
| Total operating expenses |  | 307,432 |  | 334,250 |
| Operating income |  | 110,437 |  | 34,530 |
| NONOPERATING REVENUES |  |  |  |  |
| Interest earned and miscellaneous |  | 6,180 |  | 3,742 |
| NONOPERATING EXPENSES |  |  |  |  |
| Amortization of debt issuance costs |  | 1,809 |  | 2,081 |
| Other finance charges |  | 2,881 |  | 2,936 |
| Interest expense |  | 77,751 |  | 76,805 |
| Gain on sale of capital assets |  | (773) |  | (392) |
| Payments to the City of San Antonio |  | 10,926 |  | 9,565 |
| Payments to other entities |  | 124 |  | 124 |
| Total nonoperating expenses |  | 92,718 |  | 91,119 |
| Increase/(Decrease) in equity, before capital contributions |  | 23,899 |  | $(52,847)$ |
| Capital contributions |  | 59,480 |  | 53,300 |
| CHANGE IN EQUITY |  | 83,379 |  | 453 |
| EQUITY, BEGINNING OF YEAR |  | 1,779,061 |  | 1,778,608 |
| EQUITY, END OF YEAR | \$ | 1,862,440 | \$ | 1,779,061 |

The accompanying notes to financial statements form an integral part of this statement.

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## San Antonio Water System STATEMENTS OF CASH FLOWS

For the years ended December 31, (amounts in thousands)

|  | 2011 |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: |
| CASH FLOWS FROM OPERATING ACTIVITIES |  |  |  |  |
| Cash received from customers | \$ | 416,656 | \$ | 360,635 |
| Cash paid to vendors for operations |  | $(94,613)$ |  | $(100,819)$ |
| Cash paid to employees for services |  | $(99,977)$ |  | $(92,734)$ |
| Net cash provided by operating activities |  | 222,066 |  | 167,082 |
| CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES |  |  |  |  |
| Payments to the City of San Antonio |  | $(8,003)$ |  | $(6,713)$ |
| Payments to other entities |  | (126) |  | (154) |
| Net cash used for noncapital financing activities |  | $(8,129)$ |  | $(6,867)$ |
| CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES |  |  |  |  |
| Proceeds from sale of capital assets |  | 1,175 |  | 790 |
| Proceeds from developers for plant construction |  | 23,263 |  | 25,038 |
| Proceeds from grants |  | 741 |  | 1,272 |
| Payment to employees for construction of plant |  | $(19,524)$ |  | $(21,435)$ |
| Payment to vendors for construction of plant |  | $(12,758)$ |  | $(13,510)$ |
| Payments for acquisition of equipment and furniture |  | $(14,224)$ |  | $(8,176)$ |
| Payments for acquisition of property and plant |  | $(191,322)$ |  | $(219,116)$ |
| Proceeds from commercial paper |  | 35,000 |  | 77,000 |
| Payment for retirement of commercial paper |  | $(2,720)$ |  | $(2,600)$ |
| Proceeds from revenue bonds |  | 45,499 |  | 125,459 |
| Payment for retirement of revenue bonds |  | $(39,730)$ |  | $(38,590)$ |
| Payment of interest on commercial paper |  | (628) |  | (602) |
| Payment of interest on revenue bonds |  | $(87,679)$ |  | $(83,076)$ |
| Payment for bond related expenses |  | $(2,345)$ |  | $(2,984)$ |
| Payment for bank charges |  | $(2,211)$ |  | $(3,637)$ |
| Net cash used for capital and related financing activities |  | $(267,463)$ |  | $(164,167)$ |
| CASH FLOWS FROM INVESTING ACTIVITIES |  |  |  |  |
| Purchase of investments |  | $(730,955)$ |  | $(778,762)$ |
| Maturity of investments |  | 780,423 |  | 740,841 |
| Interest income and other |  | 6,646 |  | 3,130 |
| Net cash provided by (used for) investing activities |  | 56,114 |  | $(34,791)$ |
| NET INCREASE/(DECREASE) IN CASH AND CASH EQUIVALENTS |  | 2,588 |  | $(38,743)$ |
| CASH AND CASH EQUIVALENTS, AT BEGINNING OF YEAR |  | 89,729 |  | 128,472 |
| CASH AND CASH EQUIVALENTS, AT END OF YEAR | \$ | 92,317 | \$ | 89,729 |

The accompanying notes to financial statements form an integral part of this statement.

San Antonio Water System
STATEMENTS OF CASH FLOWS (continued)
For the years ended December 31,
(amounts in thousands)


## RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES

Operating Income
Adjustments to reconcile operating income to net cash provided by operating activities:
Non-cash revenues from City of San Antonio
Provision for uncollectible accounts
Charge-off of prior year construction expenditures to operating expense
Depreciation expense

Change in assets and liabilities:
Increase in accounts receivable
(Increase)/Decrease in other current assets
Increase/(Decrease) in accounts payable
Increase/(Decrease) in accrued vacation payable
Increase in accrued payroll and benefits
Increase in claims payables
Increase/(Decrease) in sundry payables and accruals
Increase in unfunded postemployment benefits
Increase in customers' deposits
Total adjustments

Net cash provided by operating activities

## NONCASH CAPITAL AND FINANCING ACTIVITIES

Plant contributions received from developers
Bond proceeds deposited into an escrow account for purposes of refunding: Revenue Bonds
Commercial Paper
$\begin{array}{llll}\$ & 110,437 & \$ & 34,530\end{array}$
$(2,923)$
$(2,852)$
2,811
3,791
98,374
$(10,444)$
(337)

3,180
882
306
2,039
(84)

13,932

| 13,932 |
| ---: |
| 102 |
| 111,629 |


| \$ 222,066 |
| :--- |

3,463
13,274
107,761
$(9,160)$
784
(699)

210
305

20,209

| 405 |
| ---: |
| 132,552 |


| $\$ \quad 167,082$ |
| :--- |


| $\$$ | 35,872 | $\$$ | 27,162 |
| :--- | ---: | ---: | ---: |
|  |  |  |  |
| $\$$ | 165,315 | $\$$ | 63,200 |
| $\$$ | 62,000 | $\$$ | 3,400 |

## San Antonio Water System Retirement Plan <br> STATEMENTS OF NET PLAN ASSETS



The accompanying notes to financial statements form an integral part of these statements.
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## NOTE A - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity: On April 30, 1992, the San Antonio City Council approved Ordinance No. 75686 which effectuated the consolidation of all city owned utilities related to water including the water, wastewater, and water reuse systems as the San Antonio Water System (SAWS). Management and control of SAWS is vested in the SAWS Board of Trustees consisting of the Mayor of San Antonio and six members who are appointed by the San Antonio City Council. The City Council must approve all changes in SAWS rates and any debt issued by SAWS.

SAWS has been defined in City Ordinance No. 75686 as all properties, facilities, and plants currently owned, operated and maintained by the City and/or the Board of Trustees, for the supply, treatment, transmission and distribution of treated potable water, chilled water and steam, for the collection and treatment of wastewater and for water reuse, together with all future extensions, improvements, purchases, repairs, replacements and additions thereto, and any other projects and programs of SAWS.

The City of San Antonio currently manages a stormwater system. The City has not incorporated the stormwater system within SAWS; however, SAWS administers certain aspects of the stormwater program on behalf of the City, including billing accounts and certain technical services, for a fee.

The San Antonio Water System Retirement Plan (SAWSRP) is a single-employer defined benefit pension plan controlled by the provisions of Ordinance No. 75686. The plan is governed by the San Antonio Water System which may amend plan provisions, and which is responsible for the management of plan assets. SAWSRP is a pension trust fund and is included in the accompanying financial statements as a fiduciary fund. SAWSRP is not considered a major fund of SAWS.

SAWS has no component units, however, the operations of SAWS as reported herewith are included as a discretely presented component unit of the City of San Antonio.

Basis of Accounting: The financial statements of SAWS are prepared using the accrual basis of accounting with the economic resources measurement focus as prescribed by the Governmental Accounting Standards Board (GASB). In accordance with GASB Statement No. 20, Accounting and Financial Reporting for Proprietary Funds and Other Governmental Entities that Use Proprietary Fund Accounting, SAWS applies all applicable GASB pronouncements as well as any Financial Accounting Standards Board (FASB) statements and interpretations, Accounting Principles Board opinions and Accounting Research Bulletin's issued on or before November 30, 1989, unless those pronouncements conflict with or contradict GASB pronouncements. SAWS presents its financial statements in accordance with the GASB Codification of Governmental Accounting and Financial Reporting Standards. Under this approach, all assets and liabilities of SAWS are reported in the balance sheet, revenues are recorded when earned and expenses are recorded at the time liabilities are incurred.

In 2011, SAWS implemented the following new GASB pronouncements:

- GASB Statement No. 59, Financial Instruments Omnibus. The objective of this Statement is to update and improve existing standards regarding financial reporting and disclosure requirements of certain financial instruments and external investment pools. The provisions of this Statement had no impact on SAWS in 2011.
- GASB Statement No. 64, Derivative Instruments: Application of Hedge Accounting Termination Provisions. The objective of this Statement is to clarify whether an effective hedging relationship continues after the replacement of a swap counterparty or a swap counterparty's credit support provider. In 2003, SAWS entered into an interest rate swap agreement, which qualifies as a derivative instrument. The replacement of the swap counterparty in 2009 had no affect on the effective hedging relationship of the swap. Further discussion of the interest rate swap agreement is found in Note $G$ to the financial statements.

SAWSRP's policy is to prepare its financial statements on the accrual basis of accounting. Employer contributions to the plan are recognized when due and the employer has made a formal commitment to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan.

Recognition of Revenues: Revenues are recorded as services are provided. Customers' meters are read and bills are prepared monthly based on billing cycles. SAWS uses historical information to estimate and record earned revenue not yet billed.

Revenue and Expense Classification: Proprietary funds distinguish operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services in connection with a proprietary fund's principal ongoing operations. The principal operating revenues of SAWS are charges to customers for water supply, water delivery, wastewater, and chilled water and steam services. Operating expenses include costs of service, administrative expenses and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

Annual Budget: Approximately sixty days prior to the beginning of each fiscal year, SAWS presents an annual budget prepared on an accrual basis to serve as a tool in controlling and administering the management and operation of the organization. The annual budget reflects an estimate of gross revenues and disposition of these revenues in accordance with the flow of funds required by Ordinance No. 75686 (See Note B). The annual budget is submitted to City Council for review and consultation.

Fund Accounting: Within SAWS' enterprise fund accounts, separate self-balancing sub-funds are maintained to account for resources for various purposes, thereby distinguishing balances restricted by City Ordinance or other enabling legislation from unrestricted resources. Interfund receivable and payable accounts have been eliminated in the financial statements.

Core Businesses: SAWS' operations are segregated into four core businesses as follows:

- Water Delivery - the functions of distributing water to the customer
- Water Supply - the functions related to the development and provision of additional water resources
- Wastewater - the functions of collecting and treating wastewater from the user customer
- Chilled Water and Steam - the functions related to providing chilled water and steam to specific customers of SAWS

Restricted Resources: It is SAWS' policy to use restricted resources first when an expenditure is made for purposes for which both restricted and unrestricted resources are available.

Cash Equivalents: SAWS considers investments with an original maturity of three months or less at the time of purchase and all bank certificates of deposit to be cash equivalents.

Investments: City Ordinance No. 75686, SAWS' Investment Policy, and Texas state law allow SAWS to invest in direct obligations of the United States or its agencies and instrumentalities. Other allowable investments include direct obligations of the State of Texas or its agencies and instrumentalities; secured certificates of deposit issued by depository institutions that have their main office or a branch office in the State of Texas; defined bankers acceptances and commercial paper; collateralized direct repurchase agreements, reverse repurchase agreements; noload money market mutual funds; investment pools; and other types of secured or guaranteed investments. These investments are subject to market risk, interest rate risk, and credit risk which may affect the value at which these investments are recorded. Investments other than money market investments are reported at fair value. Under the provisions of GASB Statement No. 31, money market investments, including US Treasury and agency obligations, with a remaining maturity at time of purchase of one year or less are reported at amortized cost. SAWSRP's unallocated separate accounts are valued at fair value.

Accounts Receivable: Accounts receivable are recorded at the invoiced amounts plus an estimate of unbilled revenue receivable. The allowance for uncollectible accounts is management's best estimate of the amount of probable credit losses based on account delinquencies and historical write-off experience. Account balances are written off against the allowance when it is probable the receivable will not be recovered. SAWS wrote off account balances totaling $\$ 2.8$ million in 2011 and $\$ 3.5$ million in 2010. A provision to increase the allowance for uncollectible accounts is recorded as an offset to operating revenue. The provision for uncollectible accounts was $\$ 2.8$ million in 2011 and $\$ 3.5$ million in 2010.

Inventory: Inventories are valued at the lower of weighted average cost or market.

Unamortized Debt Issuance Costs: Expenses relating to the sale of revenue bonds are amortized over the life of the issue using the interest method.

Restricted Noncurrent Assets: Assets restricted for the acquisition of capital assets or to pay noncurrent liabilities are reported as noncurrent assets in the balance sheet regardless of their relative liquidity.

Capital Assets: Assets in service are capitalized when the unit cost is greater than or equal to $\$ 5,000$. Utility plant additions are recorded at cost, which includes materials, labor, overhead, and interest capitalized during construction. Included in capital assets are intangible assets, which consist of purchased water rights and land easements, costs associated with acquiring additional Certificates of Convenience and Necessity (CCN) related to new service areas and development costs for internally generated computer software. Overhead consists of internal costs that are clearly related to the acquisition of capital assets. Assets acquired through capital leases are recorded on the cost basis and included in utility plant in service. Assets acquired through contributions, such as those from developers, are recorded at estimated fair market value at date of donation. Maintenance, repairs, and minor renewals are charged to operating expense; major plant replacements are capitalized. Capital assets are depreciated and property under capital lease is amortized on the straight-line method. This method is applied to all individual assets except distribution mains and intangible assets. Groups of mains are depreciated on the straightline method using rates estimated to fully depreciate the costs of the asset group over their estimated average useful lives. Intangible assets not considered to have indefinite useful lives are amortized over their estimated useful life. Capital assets are tested for impairment when a significant unexpected decline in its service utility occurs. The following table shows an estimated range of useful lives used in providing for depreciation of capital assets:

| Structures and improvements | $25-50$ | years |
| :--- | ---: | :--- |
| Pumping and purification equipment | $10-50$ | years |
| Distribution and transmission system | $17.5-50$ | years |
| Collection system | 50 | years |
| Treatment facilities | 25 | years |
| Equipment and machinery | $5-20$ | years |
| Furniture and fixtures | $3-10$ | years |
| Computer equipment | 5 | years |
| Software | $3-10$ | years |
| Intangible assets (definite useful life) | 20 | years |

Capitalized Interest: Interest expense during the construction period is capitalized as part of the cost of capital assets.

Capital Contributions: Capital Contributions consist of plant contributions from developers, capital recovery fees, and grant proceeds received from governmental agencies for facility expansion. Capital Contributions are recognized in the statement of revenues, expenses, and changes in equity, after non-operating revenues (expenses), when eligibility requirements are met.

Capital recovery fees are charged to customers to connect to the water or wastewater system and may be used only for additional infrastructure capacity. In certain instances, infrastructure that facilitates expansion of SAWS' service capacity is contributed by developers. In these instances, SAWS records the donated infrastructure as plant contributions and grants credits to the developer equal to the estimated fair market value of the excess capacity of the infrastructure contributed. These credits may only be used to offset future capital recovery fees owed by the developer. At December 31, 2011, SAWS had granted $\$ 29.3$ million in unused capital recovery fee credits to developers. The use of these capital recovery fee credits is conditional based on type of development and in certain instances, time requirements and geographic restrictions.

Compensated Absences: It is SAWS' policy to accrue employee vacation pay as earned as well as the employer portion of Social Security taxes and required pension contributions related to the accrued vacation pay. Sick leave is not accrued as a terminating employee is not paid for accumulated sick leave.

Self-Insurance: SAWS is self-insured for a portion of workers' compensation, employee's health, employer's liability, public officials' liability, property damage, and certain elements of general liability. A liability has been recorded for the estimated amount of eventual loss which will be incurred on claims arising prior to the end of the period including incurred but not reported claims.

Derivative Instruments: SAWS is a party to an interest rate swap agreement which serves to hedge interest rates on a portion of SAWS' variable rate debt. The agreement qualifies as a derivative instrument in accordance with GASB Statements No. 53 and 64. Using the methodology set forth in those GASB Statements, the interest rate swap agreement has been deemed an effective hedge. As a result, hedge accounting is used to account for the changes in the fair value of the swap agreement.

The SAWSRP's investments in separate accounts held at The Principal Financial Group may use derivatives as part of their investment strategy. These accounts are comingled pools, rather than individual securities.

Estimates: The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Reclassifications: Certain amounts presented in the prior year data have been reclassified in order to be consistent with the current year's presentation.

## NOTE B - CITY ORDINANCE NO. 75686

Funds Flow: City Ordinance No. 75686 (the City Ordinance) requires that SAWS' gross revenues be applied in sequence to: (1) System Fund for payment of current maintenance and operating expenses including a two-month reserve amount based upon the budgeted amount of maintenance and operating expenses for the current fiscal year; (2) Debt Service Fund requirements of Senior Lien Obligations; (3) Reserve Fund requirements of Senior Lien Obligations; (4) Interest and Sinking Fund and Reserve Fund requirements of Junior Lien Obligations; (5) Interest and Sinking Fund and Reserve Fund requirements of Subordinate Lien Obligations; (6) Payment of amounts required on Inferior Lien Obligations, and (7) Transfers to the City's General Fund and to the Renewal and Replacement Fund.

Payments to the City's General Fund: The City Ordinance requires SAWS to make payments to the City each month after making all other payments required by the City Ordinance. The amount of the payment is determined by City Council from time to time and cannot exceed $5 \%$. Currently SAWS pays $2.7 \%$ of Gross Revenues to the City. Payments to the City are reported as non-operating expense in the Statement of Revenues, Expenses and Changes in Equity.

Reuse Contract: SAWS has a contract with CPS Energy, the city owned electricity and gas utility, for the provision of reuse water. According to the City Ordinance, the revenues derived from the contract have been restricted in use to only reuse activities and are excluded from gross revenue for purposes of calculating any transfers to the City's General Fund.

Pledged Revenues: Net Revenues of SAWS have been pledged to the payment and security of its senior lien debt obligations. Net Revenues are defined by the City Ordinance as SAWS’ Gross Revenues after deducting operating expenses before depreciation. SAWS' Gross Revenues consist of all revenue with respect to the operation and ownership of SAWS with the exception of capital contributions, payments received under the CPS Energy contract, the federal subsidy of interest on Build America Bonds and earnings on funds deposited in the Project Fund and Reserve Fund until the Reserve Fund contains the required reserve amount.

No Free Service: The City Ordinance also provides for no free services except for municipal fire-fighting purposes.

## NOTE C - DEPOSITS AND INVESTMENTS

## San Antonio Water System:

The following is a reconciliation of deposits and investments disclosed in this note to the amounts presented for cash and investments in the balance sheets for 2011 and 2010:

| (amounts in thousands) | December 31, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2011 |  | 2010 |  |
| Reported amounts in note for: |  |  |  |  |
| Deposits, including certificates of deposit | \$ | 114,848 | \$ | 73,401 |
| Investments |  | 413,913 |  | 502,228 |
| Total Deposits \& Investments | \$ | 528,761 | \$ | 575,629 |
| Totals from Balance Sheets: |  |  |  |  |
| Cash and Cash Equivalents: |  |  |  |  |
| Unrestricted cash and cash equivalents | \$ | 53,636 | \$ | 48,393 |
| Restricted cash and cash equivalents: |  |  |  |  |
| Current: |  |  |  |  |
| Debt Service Fund |  | 11,698 |  | - |
| Noncurrent: |  |  |  |  |
| Reserve Fund |  | 364 |  | 275 |
| Construction funds |  | 26,619 |  | 41,061 |
|  |  | 26,983 |  | 41,336 |
| Total cash and cash equivalents |  | 92,317 |  | 89,729 |
| Investments: |  |  |  |  |
| Unrestricted current investments |  | 134,413 |  | 95,013 |
| Restricted current investments: |  |  |  |  |
| Customer deposits |  | 8,701 |  | 8,599 |
| Operating reserve |  | 35,227 |  | 33,955 |
| Debt Service Fund |  | 36,035 |  | 42,328 |
| Construction funds |  | 35,767 |  | 32,570 |
|  |  | 115,730 |  | 117,452 |
| Restricted noncurrent investments: |  |  |  |  |
| Reserve Fund |  | 65,623 |  | 56,646 |
| Construction funds |  | 120,678 |  | 216,789 |
|  |  | 186,301 |  | 273,435 |
| Total investments |  | 436,444 |  | 485,900 |
| Total Cash, Cash Equivalents and Investments | \$ | 528,761 | \$ | 575,629 |

Deposits: As of December 31, 2011, SAWS' funds are deposited in demand and savings accounts or certificates of deposit at Frost National Bank, SAWS’ general depository bank. Additionally, funds have been deposited in certificates of deposit at Bank of America, BBVA-Compass Bank and Lone Star National Bank. As required by state law, all SAWS' deposits are fully collateralized and/or are covered by federal depository insurance. At

December 31, 2011, the collateral pledged is being held by the Federal Reserve Bank of Boston under SAWS' name so SAWS incurs no custodial credit risk. As of December 31, 2011, the bank balance of SAWS' demand and savings accounts was $\$ 47,173,000$ and the reported amount was $\$ 34,848,000$ which included $\$ 30,000$ of cash on hand. As of December 31, 2010, the bank balance of SAWS' demand and savings accounts was $\$ 31,851,000$ and the reported amount was $\$ 29,401,000$ which included $\$ 30,000$ of cash on hand. Certificates of deposits totaled $\$ 80,000,000$ at December 31, 2011 and $\$ 44,000,000$ at December 31, 2010.

Investments: As of December 31, 2011, investments include securities issued by the United States government and its agencies and instrumentalities along with funds held in escrow. Securities issued by the U.S. government and its agencies and instrumentalities are held in safekeeping by SAWS' depository bank, Frost National Bank and registered as accounts of SAWS. Funds held in escrow are Money Market Funds managed by Frost National Bank, U.S. Bank and Wells Fargo Bank and are invested in securities issued by the U.S. government or by U.S. Agencies.

SAWS had the following investments and remaining maturities at December 31, 2011 and 2010:


| December 31, 2010 (amounts in thousands) <br> Investment Type | Investment Maturities (in Days) |  |  |  |  |  |  |  | Fair Value |  | Reported <br> Amount |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 90 days or less |  | 91 to 180 |  | 181 to 365 |  | Greater Than |  |  |  |  |  |
| U.S. Agency Discount Notes | \$ | 49,159 | \$ | 90,748 | \$ | 22,470 | \$ | - | \$ | 162,377 | \$ | 162,377 |
| U.S. Agency Coupon Notes |  | 123,043 |  | 116,861 |  | 69,748 |  | 13,839 |  | 323,491 |  | 323,523 |
| Money Market Funds held in Escrow: |  |  |  |  |  |  |  |  |  |  |  |  |
| Frost National Bank |  | 274 |  | - |  | - |  | - |  | 274 |  | 274 |
| Wells Fargo Bank |  | 16,054 |  | - |  | - |  | - |  | 16,054 |  | 16,054 |
|  | \$ | 188,530 | \$ | 207,609 | \$ | 92,218 | \$ | 13,839 | \$ | 502,196 | \$ | 502,228 |

Interest Rate Risk: As a means of limiting its exposure to fair value losses due to rising interest rates, SAWS' investment policy limits its investments maturities to no more than five years. At December 31, 2011 and 2010 SAWS investment maturities as a percent of the portfolio were as follows:

|  | December 31, |  |
| :--- | :---: | :---: |
| Maturities | 2011 | 2010 |
| Zero to 90 days | $52 \%$ | $38 \%$ |
| 91 to 180 days | $28 \%$ | $41 \%$ |
| 181 to 365 days | $16 \%$ | $18 \%$ |
| More than one year | $4 \%$ | $3 \%$ |

Credit Risk: In accordance with its investment policies, SAWS manages exposure to credit risk by limiting its investments in long-term obligations of other states and cities to those with a credit rating of " A " or better. Additionally, any short-term investments require a rating of at least "A-1" or "P-1". As of December 31, 2011 and 2010, SAWS held no direct investments with a credit rating below "AA+".

| Credit Rating | Rating | (amount in thousands) |  |  |  | Allocation | Investment Policy |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Agency | Carrying Value |  | Market Value |  |  | Limit |
| December 31, 2011 |  |  |  |  |  |  |  |
| A-1+/ AAA | S\&P | \$ | 146,307 | \$ | 146,316 | 35.3\% | Max. $=100 \%$ |
| AA+ | S\&P |  | 267,606 |  | 267,586 | 64.7\% | Max. $=100 \%$ |
| Total Portfolio |  | \$ | 413,913 | \$ | 413,902 | 100.0\% |  |
| December 31, 2010 |  |  |  |  |  |  |  |
| A-1+/AAA | S\&P | \$ | 502,228 | \$ | 502,196 | 100.0\% | Max. $=100 \%$ |
| Total Portfolio |  | \$ | 502,228 | \$ | 502,196 | 100.0\% |  |

Concentration of Credit Risk: SAWS' investment policy does not limit the amount it may invest in U.S. Treasury securities, government-guaranteed securities, or government-sponsored entity securities. However, in order to manage its exposure to concentration of credit risk, the investment policy does limit the amount that can be invested in any one government-sponsored issuer to no more than $50 \%$ of the total investment portfolio, and no more than $5 \%$ of the total investment portfolio on any non-government issuer unless it is fully collateralized.

At December 31, 2011 and 2010, the following investments in any one organization that represent more than five percent of total SAWS investments are:

|  | December 31, |  |  |
| :--- | :--- | :--- | :--- |
|  | 2011 | 2010 |  |
|  | $26 \%$ |  | $37 \%$ |
| Federal Home Loan Bank | $21 \%$ |  | $20 \%$ |
| Federal National Mortgage Association | $21 \%$ | $32 \%$ |  |

San Antonio Water System Retirement Plan (SAWSRP):
At December 31, 2010 and 2011 the SAWSRP held no deposits and had the following investments:

| (amounts in thousands) |  | 2011 |  | 2010 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| Principal Bond and Mortgage Separate Account | $\$ 32,754$ |  | $\$ 25,339$ |  |
| Large Cap S\&P 500 Index Separate Account |  | 59,256 |  | 58,199 |
|  | $\boxed{\$ 32,010}$ | $\$ 83,538$ |  |  |

It is the policy of the SAWSRP to invest approximately $60 \%$ of its assets in equity securities and the remainder in fixed income securities. The SAWSRP investments are not automatically rebalanced, however, contributions to the plan are invested in a manner to adhere to the investment policy. The Principal Bond and Mortgage Separate Account is unrated. Its effective duration was 4.94 years at December 31, 2011 and 5.18 years at December, 31, 2010.

## NOTE D - ACCOUNTS RECEIVABLE

Accounts receivable consisted of the following at December 31, 2011 and 2010:

| (amounts in thousands) | 2011 |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: |
| Current: |  |  |  |  |
| Receivable from customers | \$ | 26,588 | \$ | 26,709 |
| Unbilled revenue |  | 20,294 |  | 21,811 |
| Receivable from other governmental agencies |  | 1,779 |  | 918 |
| Less: Allowance for doubtfull accounts |  | $(2,305)$ |  | $(2,334)$ |
|  |  | 46,356 |  | 47,104 |
| Noncurrent: |  |  |  |  |
| Receivable from other governmental agencies |  | 7,985 |  | - |
| Total accounts receivable | \$ | 54,341 | \$ | 47,104 |

In November 2011, SAWS Board approved a settlement agreement with the Lower Colorado River Authority (LCRA) in connection with a lawsuit filed by SAWS in 2009. The terms of the settlement require LCRA to pay SAWS $\$ 30$ million and terminated the agreement between SAWS and LCRA to develop a water supply project. $\$ 18.8$ million of the settlement amount was paid in December 2011 and the remaining $\$ 11.2$ million is to be paid in eight annual installments of $\$ 1.4$ million each beginning November 1, 2012. Because the settlement payments represent a partial return of study period costs paid by SAWS during the period 2002 through 2009, SAWS recorded the present value of the total payments to be received of $\$ 28.1$ million as a credit to operating expense. The discounted value of the payments to be received from LCRA in the future is reported in accounts receivable, of which $\$ 8$ million is classified as noncurrent. Additionally, in connection with this settlement, SAWS wrote off $\$ 2.7$ million of capital assets impaired as a result of terminating this water supply project. This write off is discussed further in Note E.

NOTE E - CAPITAL ASSETS

A summary of capital asset activity for the year ended December 31, 2011 is as follows:


A summary of capital asset activity for the year ended December 31, 2010 is as follows:

| (amounts in thousands) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | er 31, 2009 |  | ncreases |  | ransfers |  | reases |  | er 31, 2010 |
| Capital Assets, not being depreciated: |  |  |  |  |  |  |  |  |  |  |
| Land | \$ | 78,814 | \$ | - | \$ | 3,307 | \$ | 66 | \$ | 82,055 |
| Water rights purchased |  | 156,704 |  | - |  | 48,475 |  | - |  | 205,179 |
| Other intangible assets |  | 388 |  | 1,329 |  | - |  | - |  | 1,717 |
| Construction in progress |  | 427,971 |  | 300,461 |  | $(299,348)$ |  | 13,274 |  | 415,810 |
| Total capital assets, not being depreciated/amortized | Total capital assets, not being |  |  |  |  | $(247,566)$ |  | 13,340 |  | 704,761 |
| Capital assets, being depreciated |  |  |  |  |  |  |  |  |  |  |
| Structures and improvements |  | 444,000 |  | 79 |  | 41,375 |  | - |  | 485,454 |
| Pumping and purification equipment |  | 126,234 |  | 254 |  | 16,699 |  | - |  | 143,187 |
| Distribution and transmission system |  | 1,508,547 |  | 1,101 |  | 110,688 |  | 48 |  | 1,620,288 |
| Treatment facilties |  | 1,424,980 |  | - |  | 68,150 |  | 48,954 |  | 1,444,176 |
| Equipment and machinery |  | 102,624 |  | 4,348 |  | 8,229 |  | 8,025 |  | 107,176 |
| Furniture and fixtures |  | 5,048 |  | - |  | 7 |  | 3 |  | 5,052 |
| Computer equipment |  | 21,451 |  | 2,276 |  | 462 |  | 3,632 |  | 20,557 |
| Software |  | 17,735 |  | 187 |  | 1,956 |  | - |  | 19,878 |
| Total capital assets being |  |  |  |  |  |  |  |  |  |  |
| Less accumulated depreciation |  |  |  |  |  |  |  |  |  |  |
| Structures and improvements |  | $(99,958)$ |  | $(9,908)$ |  | - |  | - |  | $(109,866)$ |
| Pumping and purification equipment |  | $(27,183)$ |  | $(3,453)$ |  | - |  | - |  | $(30,636)$ |
| Distribution and transmission system |  | $(412,334)$ |  | $(35,750)$ |  | - |  | (48) |  | $(448,036)$ |
| Treatment facilties |  | $(519,499)$ |  | $(46,352)$ |  | - |  | $(48,954)$ |  | $(516,897)$ |
| Equipment and machinery |  | $(50,330)$ |  | $(8,116)$ |  | - |  | $(7,094)$ |  | $(50,752)$ |
| Furniture and fixtures |  | $(3,888)$ |  | (239) |  | - |  | (3) |  | $(4,124)$ |
| Computer equipment |  | $(15,122)$ |  | $(2,348)$ |  | - |  | $(3,632)$ |  | $(13,838)$ |
| Software |  | $(11,918)$ |  | $(1,595)$ |  | - |  | - |  | $(13,513)$ |
| Total accumulated depreciation |  | $(1,140,232)$ |  | $(107,761)$ |  | - |  | $(60,331)$ |  | $(1,187,662)$ |
| Total capital assets, being depreciated/amortized | Total capital assets, being |  |  |  |  | 247,566 |  | 331 |  | 2,658,106 |
| Capital assets, net | \$ | 3,174,264 | \$ | 202,274 | \$ | - | \$ | 13,671 | \$ | 3,362,867 |

In 2006, SAWS diverted all effluent flow from its Salado Creek Treatment Plant to its Dos Rios Treatment Plant in order to take advantage of the additional capacity and more efficient treatment process available at the Dos Rios Plant. At that time, SAWS began identifying and disposing of assets no longer utilized at the Salado Creek Plant. In 2010, SAWS completed the dismantling and closure of the portion of the Salado Creek Plant that was no longer in use. In connection with this effort, the $\$ 13.4$ million remaining book value of the assets eliminated was charged off to depreciation expense.

Asset Impairment: SAWS periodically reviews its capital assets for possible impairment. As part of SAWS' capital improvement program, SAWS incurs costs to design capital improvement projects. These costs are included in capital assets as Construction in Progress. Periodically the actual construction of these projects may not occur due to changes in plans. Once it has been determined that construction will not proceed, any incurred design costs are charged off to operating expenses.

Design costs were charged off totaling $\$ 4$ million in 2011 and $\$ 13.3$ million in 2010. $\$ 2.7$ million of the amount charged off in 2011 related to the design of assets to be constructed in connection with a water project with the LCRA. In conjunction with a settlement of SAWS' lawsuit against LCRA, this water project was cancelled and the design costs were written off. $\$ 12.4$ million of the amount charged off in 2010 related to the design of a pipeline to transport water expected to be produced from the Carrizo Aquifer in Gonzales County to a SAWS facility in southeastern Bexar County. As a result of an agreement with the Schertz Seguin Local Government Corporation (SSLGC), which will enable SAWS to utilize SSLGC's existing pipeline to transport water from the Carrizo Aquifer to a SAWS facility in northeast Bexar County, SAWS wrote off the design costs related to the original proposed pipeline.

## NOTE F - OTHER LIABILITIES

Accrued Vacation Payable: SAWS records an accrual for vacation payable for all full time employees and pays unused vacation hours available at the end of employment with the final paycheck.

| (amounts in thousands) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Balance at <br> Beginning of Year |  | Current-Year <br> Accruals |  | Payments |  | Balance at End of Year |  | Estimated Due Within One Year |  |
| Year Ended <br> December 31, 2011 | \$ | 6,613 | \$ | 5,458 | \$ | $(4,576)$ | \$ | 7,495 | \$ | 4,576 |
| Year Ended <br> December 31, 2010 | \$ | 7,202 | \$ | 5,241 | \$ | $(5,830)$ | \$ | 6,613 | \$ | 5,830 |

## Risk Management:

## Health Care Benefits:

SAWS provides health care benefits to eligible employees and retirees through a self-insured plan that includes medical, prescription drug and dental benefits. The payment of claims associated with these benefits is handled by third party administrators. Plan participants contribute a portion of the cost of providing these benefits through payroll deductions or monthly premiums, annual deductibles and other co-payments. SAWS was self-insured for the first $\$ 200,000$ of medical claims per person during 2011 and $\$ 150,000$ during 2010.

## Other Riskes:

SAWS is exposed to various risks of financial loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. SAWS is self administered and self-insured for the first $\$ 500,000$ of each worker's compensation, general liability, automobile liability and public official's liability claim and for the first $\$ 250,000$ for each pollution remediation, legal liability and commercial property claim. Claims that exceed the self-insured retention limit are covered through SAWS' comprehensive commercial insurance program. For the years ended December 31, 2011 and 2010, there were no reductions in insurance coverage from the previous year. Settled claims during the last three years have not exceeded the insurance coverage in any year.

The claims liability for health care benefits and other risks, including incurred but not reported claims, is based on the estimated ultimate cost of settling the claims. Changes in the liability amount for the last two fiscal years were as follows:

| (amounts in thousands) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Balance at Beginning of Year |  | Current-Year <br> Accruals |  | Payments |  | Balance at End of Year |  | Estimated <br> Due Within <br> One Year |  |
| Year Ended <br> December 31, 2011 | \$ | 8,526 | \$ | 24,691 | \$ | $(22,650)$ | \$ | 10,565 | \$ | 10,565 |
| Year Ended December 31, 2010 | \$ | 8,221 | \$ | 24,997 | \$ | $(21,692)$ | \$ | 8,526 | \$ | 8,526 |

## NOTE G - DERIVATIVE INSTRUMENT

In 2003, SAWS entered into an interest rate swap agreement in connection with its City of San Antonio, Texas, Water System Subordinate Lien Revenue and Refunding Bonds, Series 2003-A and 2003-B (the "Series 2003 Bonds") issued in a variable interest rate mode. The Series 2003 Bonds were issued to provide funds for SAWS' Capital Improvements Program and to refund certain outstanding commercial paper notes.

Objective of the Interest Rate Swap: The swap was used to hedge interest rates on the Series 2003 Bonds to a synthetic fixed rate that produced a lower interest rate cost than a traditional long term fixed rate bond issued at that time. In August 2008, SAWS used commercial paper notes to redeem $\$ 110,615,000$ of the $\$ 111,615,000$ outstanding principal of the Series 2003 Bonds due to unfavorable market conditions relating to the ratings downgrade of the 2003 Bond insurer, MBIA Insurance Corporation. In 2009, SAWS redeemed the remaining $\$ 1$ million of the Series 2003 Bonds through the issuance of additional commercial paper. The interest rate swap agreement was not terminated upon the redemption of the 2003 Bonds and instead serves as an off-market hedge for that portion of the commercial paper notes outstanding which pertain to the redemption of the 2003 Bonds. SAWS currently intends to maintain a portion of its outstanding commercial paper in amounts matching the notional amounts of the swap. SAWS did not recognize any economic gain or loss as a result of this refunding since the debt service requirements of the commercial paper notes are expected to closely match the debt service requirements of the refunded debt. At December 31, $2011 \$ 103,810,000$ of commercial paper notes are hedged by the interest rate swap agreement.

Terms: The swap agreement contains scheduled reductions to the outstanding notional amounts that are expected to follow the original scheduled reductions of the Series 2003 Bonds. The Series 2003 Bonds were issued on March 27, 2003, with a principal amount of $\$ 122,500,000$. The swap agreement matures on May 1, 2033. At the time the swap was entered into, the counterparty was Bear Stearns Financial Products, Inc. ("Bear Stearns FPI"), with the index for the variable rate leg of the SWAP being the Securities Industry and Financial Markets Association ("SIFMA") Municipal Swap Index.

In 2008, JPMorgan Chase \& Co. announced its acquisition of The Bear Stearns Companies Inc., the parent of Bearn Stearns FPI. JPMorgan Chase guaranteed the trading obligations of Bear Stearns and its subsidiaries. Effective June 16, 2009, the swap agreement was amended between SAWS, JPMorgan Chase \& Co, and MBIA to provide for JPMorgan Chase Bank N.A. to become the swap counterparty and allow for the remainder of outstanding Series 2003 Bonds to be redeemed, while maintaining the swap agreement as an obligation to all parties. The amendment provides for the conditional release of MBIA's swap insurance policy upon the occurrence of certain future events.

The combination of commercial paper notes and a floating-to-fixed swap creates a synthetic fixed-rate of $4.18 \%$. The synthetic fixed-rate protects against the potential of rising interest rates.

Fair Value: The swap had a negative fair value of approximately $\$ 24.2$ million at December 31, 2011 and $\$ 11.8$ million at December 31, 2010. This value was calculated using the zero-coupon method. This method calculates the future net settlement payments required by the swap, assuming that the current forward rates implied by the yield curve correctly anticipate future spot interest rates. These net payments are then discounted using the spot rates implied by the current yield curve for hypothetical zero-coupon bonds due on the date of each future net
settlement on the swap.

The swap agreement meets the criteria of an effective hedge under GASB Statement 53 and therefore qualifies for hedge accounting treatment. Since the fair value is negative, the fair value is recorded as a non-current liability. Changes in the swap's fair value are recorded as a deferred outflow and included in unrestricted non-current assets. At the time the 2003 Bonds were redeemed in 2008, the fair value of the swap was $\$ 6.2$ million. The deferred outflow at the time of redemption was included in the carrying value of the 2003 Bonds and resulted in a loss on redemption of $\$ 6.2$ million. This loss is being amortized over the remaining life of the 2003 Bonds.

Credit Risk: SAWS was not exposed to credit risk on its outstanding swap at December 31, 2010 and 2011 because the swap had a negative fair value. However, should interest rates change and the fair value of the swap become positive, SAWS would be exposed to credit risk in the amount of the swap's fair value. The swap counterparty, JPMorgan Chase Bank, N.A. was rated Aa1 by Moody's Investors Services, A+ by Standard and Poor's, and AA- by Fitch Ratings as of December 31, 2011. The amended swap agreement contains a credit support annex which will become effective upon the release of MBIA from the swap insurance policy. Collateralization would be required by either party should the fair market value of the swap reach applicable thresholds as stated in the amended swap agreement.

Basis Risk: SAWS is exposed to basis risk to the extent that the interest payments on its hedged commercial paper notes do not match the variable-rate payments received on the associated swap. SAWS attempts to mitigate this risk by (a) matching the outstanding hedged commercial paper notes associated with the redemption of the variable-rate debt to the notional amount and amortization schedule of the swap and (b) selecting an index for the variable-rate leg of the swap that is reasonably expected to closely match the interest rate on the hedged commercial paper notes.

Termination Risk: SAWS may terminate the Swap at any time for any reason. JPMorgan Chase may terminate the swap if SAWS fails to perform under the terms of the agreement. SAWS' ongoing payment obligations under the swap are insured as provided for in the swap amendment and JPMorgan Chase cannot terminate as long as the insurer does not fail to perform. Also, if at the time of the termination the swap has a negative fair value, SAWS would be liable to the counterparty for a payment equal to the swap's fair value.

Market-access Risk: SAWS is subject to market-access risk as $\$ 103,810,000$ of variable-rate debt hedged by the swap is outstanding in commercial paper notes with current maturities less than 38 days. As previously noted, SAWS intends to reissue the commercial paper notes in amounts matching the notional amounts of the swap.

Swap Payments and Associated Debt: As of December 31, 2011, debt service requirements of the hedged commercial paper notes and net swap payments, assuming current interest rates remain the same, are as detailed below. As rates vary, variable-rate interest payments and net swap payments will vary. Principal payments assume
that commercial paper notes will be repaid in accordance with the amortization schedule of the swap.

## Pay-Fixed, Receive-Variable Interest Rate Swap <br> Estimated Debt Service Requirements of Variable-Rate <br> Debt Outstanding and Net Swap Payments

(amounts in thousands)

| Year | Principal |  | $\begin{gathered} \text { Interest Paid } \\ \text { on Debt } \\ \hline \end{gathered}$ |  | Interest Rate Swap, Net |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | \$ | 2,840 | \$ | 188 | \$ | 4,158 | \$ | 7,186 |
| 2013 |  | 2,970 |  | 183 |  | 4,039 |  | 7,192 |
| 2014 |  | 3,105 |  | 177 |  | 3,914 |  | 7,196 |
| 2015 |  | 3,245 |  | 171 |  | 3,783 |  | 7,199 |
| 2016 |  | 3,395 |  | 165 |  | 3,647 |  | 7,207 |
| 2017-2021 |  | 19,435 |  | 723 |  | 15,960 |  | 36,118 |
| 2022-2026 |  | 24,300 |  | 520 |  | 11,484 |  | 36,304 |
| 2027-2031 |  | 30,355 |  | 267 |  | 5,890 |  | 36,512 |
| 2032-2033 |  | 14,165 |  | 22 |  | 488 |  | 14,675 |
| Total | \$ | 103,810 | \$ | 2,416 | \$ | 53,363 | \$ | 159,589 |

## NOTE H - LONG TERM DEBT

## REVENUE BONDS

On April 27, 2011, SAWS issued $\$ 46,555,000$ City of San Antonio, Texas Water System Revenue Refunding Bonds, Series 2011. The proceeds from the sale of the bonds were used to (i) refund $\$ 50,235,000$ City of San Antonio, Texas Water System Revenue and Refunding Bonds, Series 2001 (the "Series 2001 Bond"), and (ii) pay the cost of issuance. The refunding of the Series 2001 Bonds reduced total debt service payments over the next sixteen years by approximately $\$ 5.8$ million and resulted in an economic gain (difference between the present values of the old and new debt service payments) of approximately $\$ 4.3$ million. The bonds are secured together with other currently outstanding Senior Lien Obligations solely by a lien on a pledge of net revenues.

On August 18, 2011, SAWS issued $\$ 24,550,000$ City of San Antonio, Texas Water System Junior Lien Revenue Bonds, Series 2011 through the Texas Water Development Board. The bonds were sold under the Water Infrastructure Fund Loan Program (the "WIF"). The proceeds from the sale of the bonds were used to (i) finance portions of the Brackish Groundwater Desalination Project, and (ii) pay the cost of issuance. The bonds are secured together with other currently outstanding Junior Lien Obligations solely by a lien on a pledge of net revenues and are subordinate to outstanding Senior Lien Obligations.

On August 18, 2011, SAWS issued \$18,095,000 City of San Antonio, Texas Water System Junior Lien Revenue and Refunding Bonds, Series 2011A through the Texas Water Development Board. The bonds were sold under the State Revolving Fund (SRF) Program. The proceeds from the sale of the bonds were used to (i) finance capital improvement projects which qualify under the Texas Water Development Board program, (ii) refund \$2,000,000 in outstanding commercial paper notes, and (iii) pay the cost of issuance. The bonds are secured together with other currently outstanding Junior Lien Obligations solely by a lien on a pledge of net revenues and are subordinate to outstanding Senior Lien Obligations

On October 6, 2011, SAWS issued $\$ 165,090,000$ City of San Antonio, Texas Water System Revenue Refunding Bonds, Series 2011A. The proceeds from the sale of the bonds were used to (i) refund $\$ 34,625,000$ City of San Antonio, Texas Water System Revenue Refunding Bonds, Series 2002 (the "Series 2002 Bond"), (ii) refund $\$ 80,455,000$ City of San Antonio, Texas Water System Revenue Bonds, Series 2002-A (the "Series 2002-A Bonds"), (iii) refund $\$ 60,000,000$ in outstanding commercial paper notes, and (iv) pay the cost of issuance. The refunding of the Series 2002 Bonds and Series 2002-A Bonds reduced total debt service payments over the next twenty-two years by approximately $\$ 15.7$ million and resulted in an economic gain of approximately $\$ 10.5$ million. The bonds are secured together with other currently outstanding Senior Lien Obligations solely by a lien on a pledge of net revenues.

Senior Lien Water System Revenue Bonds, comprised of Series 2002, Series 2002-A, Series 2004, Series 2005, Series 2007, Series 2009, Series 2009A, Series 2009B, Series 2010B, Series 2011, and Series 2011-A outstanding in the amount of $\$ 1,507,950,000$ at December 31, 2011, are collateralized by a senior lien and pledge of the gross revenues of SAWS after deducting and paying the current expenses of operation and maintenance of SAWS and maintaining a two-month operating reserve for such expenses. Interest rates range from $1.109 \%$ to $6.220 \%$, exclusive of any federal interest subsidy on the Series 2009B and 2010B Build America Bonds.

Junior Lien Water System Revenue Bonds, comprised of Series 2001, Series 2001-A, Series 2002, Series 2002-A, Series 2003, Series 2004, Series 2004-A, Series 2007, Series 2007A, Series 2008, Series 2008A, Series 2009, Series 2009A, Series 2010, Series 2010A, Series 2011, and Series 2011A outstanding in the amount of $\$ 386,280,000$ at December 31, 2011, are collateralized by a junior lien and pledge of the gross revenues of SAWS after deducting the current expenses of operation and maintenance of SAWS, maintaining a two-month operating reserve for such expenses, and paying debt service on senior lien debt. Interest rates range from $0.000 \%$ to $5.000 \%$.

The Federal Tax Reform Act of 1986 requires issuers of tax-exempt debt to make payments to the United States Treasury for investment income received at yields that exceed the issuer's tax exempt borrowing rates. The Treasury requires payment for each issue every five years. The estimated liability is updated annually for all taxexempt issuances or changes in yields until such time payment of the calculated liability is due. A liability is recorded once payment appears to be probable. As of December 31, 2011, SAWS had a recorded arbitrage liability
of $\$ 258$, 000 related to the Series 2007A junior lien bonds.

The following summarizes transactions of the revenue bonds for the years ended December 31, 2011 and 2010:

| (amounts in thousands) | $\begin{gathered} \text { Balance } \\ \text { Jan. 1, } 2011 \\ \hline \end{gathered}$ |  | Additions |  | Reductions/ <br> Amortization |  | Balance <br> Dec. 31, 2011 |  | Due Within One Year |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bonds Payable | \$ | 1,844,985 | \$ | 254,290 | \$ | 205,045 | \$ | 1,894,230 | \$ | 44,780 |
| Less Deferred Amounts: |  |  |  |  |  |  |  |  |  |  |
| Unamortized premium |  | 19,783 |  | 21,944 |  | 3,970 |  | 37,757 |  |  |
| Unamortized discount |  | $(27,909)$ |  | $(7,741)$ |  | $(2,502)$ |  | $(33,148)$ |  |  |
| Unamortized losses |  | $(10,515)$ |  | 2,449 |  | (547) |  | $(7,519)$ |  |  |
| Total deferred amounts |  | $(18,641)$ |  | 16,652 |  | 921 |  | (2,910) |  | - |
| Total Bonds Payable, Net | \$ | 1,826,344 | \$ | 270,942 | \$ | 205,966 | \$ | 1,891,320 | \$ | 44,780 |


| (amounts in thousands) | $\begin{gathered} \text { Balance } \\ \text { Jan. 1, } 2010 \\ \hline \end{gathered}$ |  | Additions |  | Reductions/ <br> Amortization |  | Balance <br> Dec. 31, 2010 |  | Due Within One Year |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bonds Payable | \$ | 1,759,700 | \$ | 187,075 | \$ | 101,790 | \$ | 1,844,985 | \$ | 39,730 |
| Less Deferred Amounts: |  |  |  |  |  |  |  |  |  |  |
| Unamortized premium |  | 17,990 |  | 5,124 |  | 3,331 |  | 19,783 |  |  |
| Unamortized discount |  | $(29,063)$ |  | 552 |  | (602) |  | $(27,909)$ |  |  |
| Unamortized losses |  | $(11,117)$ |  | $(1,212)$ |  | $(1,814)$ |  | $(10,515)$ |  |  |
| Total deferred amounts |  | $(22,190)$ |  | 4,464 |  | 915 |  | $(18,641)$ |  | - |
| Total Bonds Payable, Net | \$ | 1,737,510 | \$ | 191,539 | \$ | 102,705 | \$ | 1,826,344 | \$ | 39,730 |

The following table shows the annual debt service requirements on SAWS' debt obligations for each of the next five years and then in five year increments after that.


## COMMERCIAL PAPER PROGRAM

SAWS maintains a commercial paper program that is used to provide funds for the interim financing of a portion of its capital improvements. The City Council of the City of San Antonio has authorized the commercial paper program in an amount of $\$ 500$ million. Notes payable under the program cannot exceed maturities of 270 days.

The City has covenanted in the Ordinance authorizing the commercial paper program (the "Note Ordinance") to maintain at all times credit facilities with banks or other financial institutions which would provide available borrowing capacity sufficient to pay the principal of the commercial paper program. The credit facility is maintained under the terms of a revolving credit agreement.

The issuance of commercial paper is further supported by the following agreements and related participants:

- Dealer Agreements with Goldman, Sachs \& Co., J.P. Morgan Securities Inc., and Ramirez \& Co., Inc.
- Revolving Credit Agreement with Bank of America, N.A., State Street Bank and Trust Company, and U.S. Bank National Association
- Issuing and Paying Agency Agreement with The Bank of New York Mellon Trust Company, N.A.

The borrowings under the commercial paper program are equally and ratably secured by and are payable from (i) the proceeds from the sale of bonds or additional borrowing under the commercial paper program and (ii) borrowing under and pursuant to the revolving credit agreement. The capacity of the revolving credit agreement is \$350 million and the agreement expires in July 2013.

Commercial paper notes of $\$ 214,930,000$ are outstanding as of December 31, 2011. Of this balance, $\$ 103,810,000$ relates to the refunding of the Series 2003 Bonds while the remaining $\$ 111,120,000$ proceeds were used solely for financing of capital improvements. Interest rates on the notes outstanding at December 31, 2011 range from $0.15 \%$ to $0.22 \%$ and maturities range from 27 to 69 days. The outstanding notes had an average rate of $0.19 \%$ and averaged 39 days to maturity.

SAWS intends to reissue maturing commercial paper, in accordance with the terms of the revolving credit agreement, and ultimately refund such maturities with proceeds from the issuance of long-term revenue bonds. Consistent with this intent, and since SAWS has the available $\$ 350$ million revolving credit agreement described above, SAWS has classified nearly all outstanding commercial paper notes as long-term debt. In accordance with the amortization schedule of the interest rate swap agreement discussed in Note G, SAWS intends to redeem $\$ 2,840,000$ of commercial paper in 2012. Therefore, this portion of the commercial paper is classified as a current liability.

The following table summarizes transactions of the commercial paper program for the years ended December 31, 2011 and 2010:

| (amounts in thousands) | Outstanding <br> Notes at <br> Beginning of Year |  | Notes <br> Issued |  | Notes <br> Retired |  | Outstanding <br> Notes <br> at End <br> of Year |  | Payable <br> Within <br> One <br> Year |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year Ended December 31, 2011 | \$ | 244,650 | \$ | 35,000 | \$ | 64,720 | \$ | 214,930 | \$ | 2,840 |
| Year Ended <br> December 31, 2010 | \$ | 173,650 | \$ | 77,000 | \$ | 6,000 | \$ | 244,650 | \$ | 2,720 |

## INTEREST EXPENSE

The following table shows the amount of interest incurred on bonds and commercial paper, interest capitalized in connection with SAWS' capital improvement program, amortization of discounts, premiums and losses on bond refundings and net interest expense for the years ended December 31, 2011 and 2010:

|  | Intereston Bonds andCommercial Paper |  | Interest Capitalized |  | Amortization of Discount/Premium/ Losses |  | Net <br> Interest Expense |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year Ended <br> December 31, 2011 | \$ | 89,696 | \$ | $(11,024)$ | \$ | (921) | \$ | 77,751 |
| Year Ended <br> December 31, 2010 | \$ | 85,298 | \$ | $(7,578)$ | \$ | (915) | \$ | 76,805 |

## OTHER DEBT MATTERS

Debt Covenants: SAWS is required to comply with various provisions included in the ordinances which authorized the bond issuances. SAWS is in compliance with all significant provisions of the ordinances.

Defeasance of Debt: In current and prior years, SAWS legally defeased certain revenue bonds by placing revenues or proceeds of new bond issues in an irrevocable trust to provide for all future debt service payments on the old bonds. Accordingly, the trust accounts' assets and liabilities for the defeased bonds are not included in SAWS' financial statements. At December 31, 2011, $\$ 147,515,000$ of bonds outstanding were considered legally defeased.

## NOTE I - CONTINGENCIES AND COMMITMENTS

As of December 31, 2010, SAWS has entered into various water leases to obtain rights to pump water from the Edwards Aquifer. The term of these agreements vary, with some expiring as early as 2012 and others continuing until 2021. Some of the leases include price escalations and the average annual cost per acre foot ranges from $\$ 119$ to $\$ 143$. The future commitments under these leases are as follows:

| (dollars in thousands) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 |  | 2013 |  | 2014 |  | 2015 |  | 2016 |  | Thereafter |  |
| Edwards Aquifer - lease payments | \$ | 4,674 | \$ | 2,917 | \$ | 2,168 | \$ | 2,182 | \$ | 2,097 | \$ | 7,237 |
| Edwards Aquifer - acre feet leased |  | 35,336 |  | 24,419 |  | 17,625 |  | 17,425 |  | 15,794 |  | 51,588 |

SAWS also has various commitments relating to the purchase of water supplies. A summary of these commitments is provided in the following table. As with any estimates, the actual amounts paid could differ materially.

| (dollars in thousands) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 |  | 2013 |  | 2014 |  | 2015 |  | 2016 |  | Thereafter |  |
| Purchased water payments - firm | \$ | 4,924 | \$ | 5,021 | \$ | 5,119 | \$ | 5,218 | \$ | 5,558 | \$ | 115,722 |
| Acre feet purchased - firm |  | 6,700 |  | 6,700 |  | 6,700 |  | 6,700 |  | 6,700 |  | 94,800 |
| Purchased water payments - variable | \$ | 3,696 | \$ | 3,598 | \$ | 3,492 | \$ | 3,092 | \$ | 6,919 | \$ | 90,848 |
| Acre feet purchased - variable |  | 4,507 |  | 4,267 |  | 4,027 |  | 3,423 |  | 7,726 |  | 83,802 |

These firm and variable purchased water obligations relate to the contractual commitments made in connection with SAWS' wholesale water contracts with the Guadalupe Blanco River Authority (GBRA) and two wholesale agreements for the supply of raw water from the Trinity Aquifer. All water provided under these contracts is subject to availability. Under the contract with GBRA, SAWS will receive between 4,000 and 11,000 acre feet of water annually during the years 2012-2037 at prices ranging from $\$ 891$ to approximately $\$ 1,509$ per acre foot. SAWS has an option to extend this contract until 2077 under new payment terms.

In 2000, SAWS entered into a wholesale contract with the Massah Development Corporation to deliver raw water from the Lower Glen Rose/Cow Creek formations of the Trinity Aquifer in northern Bexar County. This agreement expired in February, 2010. During 2010, a new Water Supply Agreement was negotiated with Massah Development Corporation for a term of 15 -years beginning July 1, 2010. The minimum take or pay commitment for the new contract is 100 acre-feet per month or 1,200 acre-feet per year. The initial price is $\$ 550$ per acre-foot with an escalator based on the Producers Price Index. SAWS has an option at the end of the primary term to extend the contract for 10-years.

In 2006, SAWS renegotiated the terms of a contract with Sneckner Partners, Ltd. to supply raw water from the

Trinity Aquifer. Under this contract, SAWS is required to take or pay for 1,500 acre-feet annually at a minimum annual cost of $\$ 225$ per acre-foot through 2020. SAWS has an option to extend the contract through 2026, if it desires. As part of this contract, SAWS agreed to make defined payments quarterly for any residential customers that are connected to the system within a defined, currently undeveloped geographical area that begin taking water service from SAWS. While it is impossible to estimate the exact amount of any potential future payments associated with this provision of the agreement, management estimate of this potential contingent liability is less than $\$ 5$ million.

In July 2010, SAWS was granted a permit by the Gonzales County Underground Water Conservation District (the District) to pump 11,688 acre feet from the Carrizo Aquifer. In December 2010, opponents filed an appeal from the District's decision in the Judicial District Court of Gonzales County. Resolution of the appeal could take from one to four years. SAWS has entered into 20 separate agreements to pump water from the Carrizo Aquifer. SAWS makes minimum water payments under the terms of these agreements until such time as the necessary infrastructure to produce and transport the water has been completed. Minimum water payments are required under these three agreements through 2029 even if no water is produced. The table below summarizes both the required minimum water payments under these agreements as well as the projected additional payments under the agreements assuming that full water production begins in 2014.

| (dollars in thousands) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 |  | 2013 |  | 2014 |  | 2015 |  | 2016 |  | Thereafter |  |
| Required minimum water payments | \$ | 700 | \$ | 824 | \$ | 865 | \$ | 891 | \$ | 918 | \$ | 15,736 |
| Projected additional payments | \$ | - | \$ | - | \$ | 319 | \$ | 328 | \$ | 338 | \$ | 4,471 |
| Acre feet produced |  | - |  | - |  | 11,688 |  | 11,688 |  | 11,688 |  | 151,944 |

SAWS is also committed under various contracts for completion of construction or acquisition of utility plant totaling approximately $\$ 240$ million as of December 31, 2011. Funding of this amount will come from excess revenues, contributions from developers, restricted assets and available commercial paper capacity.

In March 2007, SAWS was orally notified by Region 6 of the EPA of alleged failures to comply with the Clean Water Act due to the occurrence of sanitary sewer overflows. The EPA subsequently referred the matter to the United States Department of Justice (the "DOJ") for an enforcement action. In October 2007 EPA/DOJ and SAWS entered into a tolling agreement that precludes the running of any applicable statutes of limitation that might otherwise bar a claim in anticipation that the parties would engage in settlement negotiations. The tolling agreement has been extended on eight occasions, with the Ninth Tolling Agreement currently set to expire on April 30, 2012. Since 2007, SAWS has engaged in settlement negotiations with the EPA and the DOJ to resolve the allegations. SAWS met with EPA/DOJ representatives in November 2011 to discuss resolution of the enforcement action. Additional negotiations are anticipated. While these negotiations are ongoing, SAWS expects
that any settlement, consent decree, or enforcement action will result in required capital improvements and increased annual maintenance and operating expenses that will be phased in over the term of any settlement agreement or consent decree between SAWS and EPA/DOJ. SAWS' very preliminary estimates of the cost of capital improvements and other actions that may be required to settle this matter range from approximately $\$ 250$ million to approximately $\$ 1$ billion; however, the total final costs may significantly exceed SAWS preliminary estimates, and will depend on the course of action ultimately agreed upon between SAWS and EPA/DOJ or ordered by a Federal District Court if the parties are unable to settle the matter. SAWS currently expects that negotiations with the EPA and DOJ may conclude during calendar year 2012. Since 2007, SAWS has spent approximately $\$ 159.8$ million in capital projects to address and prevent sanitary sewer overflows.

## NOTE J - PENSION AND RETIREMENT PLANS

SAWS' pension program includes benefits provided by the Texas Municipal Retirement System, the San Antonio Water System Retirement Plan, the San Antonio Water System Deferred Compensation Plan, and Social Security.

## Plan Descriptions

Texas Municipal Retirement System: SAWS provides pension benefits for all of its eligible employees through a nontraditional, joint contributory, hybrid defined benefit plan in the state-wide Texas Municipal Retirement System (TMRS), an agent multiple-employer public employee retirement system.

Benefits provided under the plan depend upon the sum of the employee's contributions to the plan, with interest, and SAWS financed monetary credits, with interest. At retirement, the benefit is calculated as if the sum of the employee's accumulated contributions with interest and the employer-financed monetary credits with interest were used to purchase an annuity. The plan provisions that have been adopted by SAWS are within the options available in the governing state statutes of TMRS.

Plan provisions for SAWS for the 2010 and 2011 plan years were as follows:

| Employee deposit rate | $3.0 \%$ |
| :--- | :---: |
| Matching ratio (SAWS to <br> employee) | 1 to 1 |
| Years required for vesting | 5 |
| Service retirement eligibility <br> (expressed as age/years of <br> service) | $60 / 5,0 / 20$ |
| Updated Service Credit | $100 \%$ Repeating |
| Annuity Increase (to retirees) | $70 \%$ of CPI <br> Repeating |

TMRS issues a publicly available comprehensive annual financial report that includes financial statements and required supplementary information for TMRS; the report also provides detailed explanations of the contributions, benefits and actuarial methods and assumptions used by TMRS. This report may be obtained by writing to TMRS, P.O. Box 149153, Austin, Texas 78714-9153 or by calling 800-924-8677; in addition, the report is available on TMRS' website at www.tmrs.com.

San Antonio Water System Retirement Plan: The San Antonio Water System Retirement Plan (SAWSRP) is a single-employer defined benefit pension plan, which serves as a supplement to TMRS and Social Security. SAWS has delegated to Principal Financial Group the authority to manage certain plan assets and administer the payment of benefits.

SAWSRP provides supplemental pension benefits for all persons customarily employed at least 20 hours per week and five months per year through this defined benefit pension plan. Employees are eligible to participate in the plan on January 1 of the calendar year following date of hire. A member does not vest in this plan until completion of five years of service.

SAWSRP membership consisted of:
January 1,
Active employees
Retirees and beneficiaries currently
receiving benefits ${ }^{1}$
Terminated employees entitled to
benefits but not yet receiving them
Total

Covered employees are eligible to retire upon attaining the normal retirement age of 65 . An employee may elect early retirement, with reduced benefits, upon attainment of (i) 20 Years of vesting service regardless of age or (ii) five years of vesting service and at least age 60 . An employee is automatically $100 \%$ vested upon attainment of age 65 or upon becoming totally and permanently disabled.

The normal retirement benefit is based upon two factors, average compensation and years of vesting service. Average Compensation is defined as the monthly average of total compensation received for the three consecutive years ending December 31, out of the last ten compensation years prior to normal retirement date which gives the highest average. The normal retirement benefit under SAWSRP is equal to the following:

1. $1.20 \%$ of the Average Compensation, times years of credited service not in excess of 25 years, plus
2. $0.75 \%$ of the Average Compensation, times years of credited service in excess of 25 years but not in excess of 35 years, plus
3. $0.375 \%$ of the Average Compensation, times years of credited service in excess of 35 years.

Upon retirement, an employee must select from one of seven alternative payment plans. Each payment plan provides for monthly payments as long as the retired employee lives. The options available address how plan benefits are to be distributed to the designated beneficiary of the retired employee. The program also provides death and disability benefits.

San Antonio Water System Deferred Compensation Plan: SAWS has a deferred compensation plan for its employees, created in accordance with Internal Revenue Code Section 457. The plan, available to all regular employees, permits them to defer a portion of their salary until future years. The compensation deferred under this plan is not available to employees until termination, retirement, death, or qualifying unforeseeable emergency. Participation in the plan is voluntary, and SAWS does not make any contributions. SAWS has no liability for losses under this plan but does have the usual fiduciary responsibilities of a plan sponsor.

## Funding Policies

'TMRS: Under the state law governing TMRS, SAWS' contribution rate is determined annually by the actuary using the Projected Unit Credit actuarial cost method. This rate consists of the normal cost contribution rate and the prior service cost contribution rate, which is calculated to be a level percentage of payroll from year to year. The normal cost contribution rate finances the portion of an active member's projected benefit allocated annually. The prior service contribution rate amortizes the unfunded actuarial liability over the applicable period for SAWS. Both the normal costs and prior service contribution rates include recognition of the projected impact of annually repeating benefits, such as Updated Service Credits and Annuity Increases.

SAWS contributes to the TMRS Plan at the actuarially determined rate. Both the employees and SAWS make monthly contributions. These rates are provided on an annual basis, following the completion of the actuarial valuation. There is a delay in the valuation and when the rate becomes effective - for example the 2011 contribution rate is based on the December 31, 2009 valuation results.

Beginning with the December 31, 2007 actuarial valuation, a change was made in the funding method and the amortization period used in the valuation. To assist in this transition to higher rates, TMRS approved an eight-year phase-in period beginning in 2009, which allows governments the opportunity to increase their contributions gradually (approximately $12.5 \%$ each year) to their full rate (or their required contribution rate). SAWS elected to transition the increase in its contribution rate over the eight-year phase-in period. As a result of these changes, SAWS' actuarially required contribution for 2011 was $5.87 \%$ while the phased-in rate for 2011 was $4.64 \%$ of salary.

The current contribution rate for employees is $3 \%$ of salary.

SAWSRP: The funding policy provides for actuarially determined periodic contributions so that sufficient assets will be available to pay benefits when due. Contribution requirements are established and may be amended by SAWS. Active members do not make contributions to the plan. Any obligation with respect to SAWSRP shall be paid by SAWS. Investment expenses, including investment manager and custodial services, are funded through investment earnings. Administrative expenses, including actuarial and consultant services, are funded through investment earnings and/or contributions.

## Annual Pension Cost and Actuarial Methods and Assumptions

The following tables summarize SAWS' annual pension cost for the years ended December 31, 2011 and 2010 and provide three year trend information for each of SAWS' defined benefit plans.

Annual Pension Cost
(amounts in thousands)

|  | Year Ended December 31, |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 |  |  |  | 2010 |  |  |  |
|  | TMRS |  | SAWSRP |  | TMRS |  | SAWSRP |  |
| Annual required contributions: |  |  |  |  |  |  |  |  |
| SAWS | \$ | 4,967 | \$ | 9,171 | \$ | 4,703 | \$ | 7,849 |
| Plan members |  | 2,538 |  | - |  | 2,510 |  | - |
| Interest on net pension obligation |  | 173 |  | - |  | 80 |  | - |
| Adjustment to annual required contribution |  | (143) |  | - |  | (64) |  | - |
| Total annual pension cost |  | 7,535 |  | 9,171 |  | 7,229 |  | 7,849 |
| Contributions made |  | 6,464 |  | 9,171 |  | 5,982 |  | 7,849 |
| Increase in net pension obligation |  | 1,071 |  | - |  | 1,247 |  | - |
| Net pension obligation beginning of year |  | 2,313 |  | - |  | 1,066 |  | - |
| Net pension obligation end of year | \$ | 3,384 | \$ | - | \$ | 2,313 | \$ | - |

## Three Year Trend Information

| Plan | Year Ended December 31, | $\begin{aligned} & \text { Annual Pension } \\ & \text { Cost (APC) } \\ & \text { (in thousands) } \end{aligned}$ |  | Percentage of APC <br> Contributed | Net Pension Obligation (in thousands) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TMRS | 2011 | \$ | 7,535 | 86\% | \$ | 3,384 |
|  | 2010 | \$ | 7,229 | 83\% | \$ | 2,313 |
|  | 2009 |  | 6,828 | 84\% |  | 1,066 |
| SAWSRP | 2011 | \$ | 9,171 | 100\% | \$ | - |
|  | 2010 | \$ | 7,849 | 100\% |  | - |
|  | 2009 |  | 6,035 | 100\% |  | - |

The following table summarizes the actuarial methods and assumptions used in the most recent actuarial valuation for each of SAWS' defined benefit plans.

## Actuarial Methods and Assumptions

|  | TMRS | SAWSRP |
| :---: | :---: | :---: |
| Actuarial Valuation Date | 12/31/2010 | 1/1/2011 |
| Actuarial Cost Method | Projected Unit Credit | Entry Age Normal Frozen Initial Liability |
| Amortization Method | Level Percent of Payroll | Level Dollar |
| Remaining Amortization Period | 30 Years - Closed | 30 Years - Closed |
| Asset Valuation Method | 10 year Smoothed Market | Smoothed Market <br> Value (4 years) |
| Actuarial Assumptions: |  |  |
| Investment Rate of Return | 7.0\% | 7.5\% |
| Inflation Rate | 3.0\% | $\mathrm{n} / \mathrm{a}$ |
| Cost of Living Adjustments | 2.1\% | $\mathrm{n} / \mathrm{a}$ |
| Projected Salary Increases | Varies by age and service | Table S-5 from the Actuary's Pension Handbook plus 3.4\% |

## Funded Status and Funding Progress

In June 2011, SB 350 was enacted by the Texas Legislature, resulting in a restructure of the TMRS funds. This legislation provided for the actuarial valuation to be completed as if restructuring had occurred on December 31, 2010. In addition, the actuarial assumptions were updated for the new fund structure, based on an actuarial experience study that was adopted by the TMRS Board at their May, 2011 meeting (the review compared actual to expected experience for the four-year period of January 1, 2006 through December 31, 2009). For a complete description of the combined impact of the legislation and new actuarial assumptions, including the effects on TMRS contribution rates and funding ratios, please see the December 31, 2010 TMRS Comprehensive Annual Financial Report.

The funded status of each of the defined benefit plans as of the most recent actuarial valuation dates is as follows:


Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and projected salary increases. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future.

The schedule of funding progress, presented as required supplementary information following the notes to the financial statements, presents multiyear trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liability for benefits.

## NOTE K - OTHER POST EMPLOYMENT BENEFITS (OPEB)

Plan Description: In addition to providing pension benefits described in Note J, SAWS provides certain health care and life insurance benefits for eligible retirees, their spouses, and their dependents through a single-employer defined benefit plan administered by SAWS. The authority to establish and amend the OPEB provisions is vested in the SAWS Board of Trustees.

By state law, any employee that retires under either the TMRS or SAWS retirement plans is eligible, at the time of retirement, to obtain health insurance benefits similar to those offered to active SAWS employees. Contributions made by retirees for health insurance benefits vary based on retirement date, years of service and the health care options selected. Retirees may also purchase coverage for their spouse at group rates partially subsidized by SAWS. After age 65, healthcare benefits under the plan are supplemental to Medicare benefits.

The following is the participant summary as of January 1, 2011 (the most recent actuarial valuation date):

| Active employees | 1,620 |
| :--- | ---: |
| Retired employees | 684 |
|  | 2,304 |

Funding Policy: The contribution requirements of plan members and SAWS are established and may be amended by the SAWS Board of Trustees. To date, SAWS has funded all obligations arising under these plans on a pay-as-you-go basis. Going forward, SAWS' actual contribution will be based on a projected pay-as-you-go financing requirement, with an additional amount, if any, to prefund benefits as determined annually by SAWS' Board of Trustees. No contributions were made in 2010 or 2011 to prefund benefits. In December 2011, SAWS Board of Trustees declared its intent to establish a trust fund for SAWS' post retirement medical plan (OPEB Trust), contribute $\$ 12$ million to the OPEB Trust by March 31, 2012, and make subsequent annual contributions to the OPEB Trust in accordance with a plan that results in fully funding the actuarially determined annual required contributions for the OPEB Plan over a period of time.

Plan members' required contributions vary depending on the health plan selected by the retiree as well as the number of years of service at the time of retirement. For the year ended December 31, 2011, plan members receiving benefits contributed $\$ 395,000$ while SAWS contributed the remainder of the pay-as-you-go cost of $\$ 6,840,000$. For the year ended December 31, 2010, plan members receiving benefits contributed $\$ 246,000$ while SAWS contributed the remainder of the pay-as-you-go cost of $\$ 6,162,000$. During 2011, the SAWS Board of Trustees approved increases in the required contributions by plan members beginning in 2012. These increases will be phased in over eight years. The expected long-term impact of these increases will result in the plan members eventually contributing one-third of the annual premiums for retiree health insurance.

Annual OPEB Cost and Net OPEB Obligation: SAWS' annual OPEB cost is calculated based on the annual required contribution of the employer (ARC), an amount actuarially determined in accordance with GASB Statement 45. The ARC represents a level of funding that if paid on an ongoing basis, is projected to cover normal cost each year and amortize any unfunded actuarial liabilities over a 30 year open period. The following table shows the components of SAWS' annual OPEB cost, the amount actually contributed to the plan and changes in the net OPEB obligation for the years ended December 31, 2011 and 2010:

| (amounts in thousands) | Year Ended December 31, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2011 |  | 2010 |  |
| Annual Required Contribution (ARC) | \$ | 20,722 | \$ | 25,759 |
| Interest on net OPEB obligation |  | 3,087 |  | 2,189 |
| Adjustment to ARC |  | $(4,108)$ |  | $(2,824)$ |
| Annual OPEB costs |  | 19,701 |  | 25,124 |
| Contributions made | \$ | $(6,840)$ | \$ | $(6,162)$ |
| Increase in net OPEB obligation |  | 12,861 |  | 18,962 |
| Net OPEB obligation at beginning of year |  | 64,989 |  | 46,027 |
| Net OPEB obligation at end of year | \$ | 77,850 | \$ | 64,989 |

SAWS' annual OPEB cost and the percentage cost contributed to the plan for the three years ended December 31, 2011, 2010 and 2009 were as follows:

| Year Ended <br> December 31, | Annual OPEB <br> Cost (amounts in thousands) |  | Percentage of <br> Annual OPEB Cost Contributed | Net OPEB <br> Obligation |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | \$ | 19,701 | 34.7\% | \$ | 77,850 |
| 2010 | \$ | 25,124 | 24.5\% | \$ | 64,989 |
| 2009 | \$ | 25,365 | 23.2\% | \$ | 46,027 |

## Funded Status

'The funded status of SAWS' OPEB plan as of the actuarial valuation performed as of January 1, 2011 is as follows:

| Actuarial <br> Valuation Date | Value of Assets (in thousands) <br> (a) | Liability (AAL) (in thousands) (b) | AAL (UAAL) <br> (in thousands) (b-a) | Funded Ratio (a/b) | Payroll (in thousands) (c) | Percent of Covered Payroll $((b-a) / c)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January 1, 2011 | \$ | \$ 242,388 | \$ 242,388 | - | \$ 83,505 | 290\% |

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are
compared with past expectations and new estimates are made about the future. In accordance with GASB 45 Accounting and Financial Reporting by Employers for Postemployment Benefits Other than Pensions, SAWS will obtain new actuarial valuations for its OPEB plan at least biennially.

The schedule of funding progress, presented as required supplementary information following the notes to the financial statements, presents multiyear trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liability for benefits.

Since no portion of SAWS' OPEB obligation has been funded in a separate trust as of December 31, 2011, SAWS does not issue a separate financial report for its OPEB plan.

Actuarial Methods and Assumptions: Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and the plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between SAWS and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations. The following table summarizes the actuarial methods and assumptions used in the most recent actuarial valuation for each of SAWS' defined benefit plans.

## Actuarial Methods and Assumptions

Actuarial Valuation Date<br>Actuarial Cost Method<br>Amortization Method<br>Remaining Amortization Period<br>Actuarial Assumptions:<br>Investment Rate of Return<br>Inflation Rate

January 1, 2011
Projected Unit Credit
Level Dollar
30 Years - Open
4.75\%

None

Health care cost trend rates are used to anticipate increases in medical benefit costs expected to be experienced by the retiree health plan in each future year. The trend rates used are as follows:

|  | Annual Rate of Increase |  |
| :---: | :---: | :---: |
| Year Beginning <br> January 1 | Pre-Medicare <br> Medical | Medicare <br> Eligible <br> Medical |
| 2011 |  |  |
| 2012 | $10.0 \%$ | $7.2 \%$ |
| 2013 | $9.7 \%$ | $7.0 \%$ |
| 2014 | $9.4 \%$ | $6.9 \%$ |
| 2015 | $9.0 \%$ | $6.7 \%$ |
| 2016 | $8.7 \%$ | $6.6 \%$ |
| 2017 | $8.4 \%$ | $6.4 \%$ |
| 2018 | $8.1 \%$ | $6.2 \%$ |
| 2019 | $7.7 \%$ | $6.1 \%$ |
| 2020 | $7.4 \%$ | $5.9 \%$ |
| 2021 | $7.1 \%$ | $5.8 \%$ |
| 2022 | $6.8 \%$ | $5.6 \%$ |
| 2023 | $6.4 \%$ | $5.4 \%$ |
| 2024 | $6.1 \%$ | $5.3 \%$ |
| 2025 | $5.8 \%$ | $5.1 \%$ |
| 2026 | $5.5 \%$ | $5.0 \%$ |
| 2027 | $5.1 \%$ | $4.8 \%$ |
| 2028 | $4.8 \%$ | $4.7 \%$ |
|  | $4.5 \%$ | $4.5 \%$ |

## NOTE L - SUBSEQUENT EVENTS

On January 28, 2012 SAWS assumed the operational control and management of the Bexar Metropolitan Water District (BexarMet). BexarMet was created by the 49th Texas Legislature in 1945, to serve anticipated growth in Bexar County. From an initial account base of 4,765 primarily residential accounts, it grew to more than 92,000 residential and commercial accounts served in 2011. Over the past few years, repeated customer complaints about inadequate service, alleged mismanagement, and excessive rates resulted in the passage of Senate Bill 341 (SB 341) by the Texas Legislature in May 2011. The primary component of SB 341 required the conduct of an election (Election) by BexarMet ratepayers to vote on the dissolution of BexarMet and consolidation with SAWS. The Election was held on November 8, 2011 and the BexarMet ratepayers voted in favor of dissolution. The last prerequisite to the assumption of operational control and management of BexarMet by SAWS was preclearance of the Election results by the United States Department of Justice, which was received on January 27, 2012.

SAWS, acting by and through the City of San Antonio (City), has taken action to accommodate the assumption of BexarMet in accordance with the requirements and specifications of SB 341. On October 20, 2011, the City Council adopted an ordinance creating a "special project", as authorized by SB 341 and pursuant to SAWS senior lien bond ordinances, where the assumed BexarMet will be treated as a component unit of SAWS, to be known as the San Antonio Water System District Special Project (SAWS DSP). In accordance with this ordinance, SAWS DSP will not materially and adversely interfere with the operation of SAWS but will be fully integrated into SAWS' system within the timeframe specified by SB 341.

Upon SAWS' assumption of BexarMet, SAWS DSP assumed responsibility for all contracts to which BexarMet was a party. These contracts include two long-term water supply agreements with Water Exploration Company, Ltd. (WECO). These agreements collectively call for the production and sale of up to 17,543 acre-feet of groundwater by WECO to BexarMet on a take or pay basis from the Trinity Aquifer in northern Bexar County. Under the terms of these agreements, BexarMet is required to pay for the amount of water taken, but must annually pay for at least $75 \%$ of the 17,543 acre feet of the production capacity, regardless if taken. SAWS is conducting an on-going analysis of these agreements and contractual duties, rights, and obligations of both parties thereto. SAWS has numerous concerns about the terms of these agreements including the manner in which they were negotiated, approved and entered into by BexarMet and the BexarMet Board. If SAWS determines that these agreements are not valid, binding, and/or enforceable, or there is a different interpretation as to the duties, rights, and obligations of the parties thereto, those determinations or interpretations may result in litigation.

On February 29, 2012, SAWS issued $\$ 225,255,000$ City of San Antonio, Texas Water System Revenue Refunding Bonds, Series 2012. The proceeds from the sale of the bonds were used to (i) refund $\$ 265,885,000$ City of San Antonio, Texas Water System Revenue Refunding Bonds, Series 2002 (the "Series 2002 Bond"), and (ii) pay the cost of issuance. The refunding of the Series 2002 reduced total debt service payments over the next seventeen years by approximately $\$ 71.0$ million and resulted in an economic gain of approximately $\$ 56.4$ million.

On March 8, 2012, the San Antonio City Council approved an ordinance authorizing SAWS to issue junior lien bonds in an amount not to exceed $\$ 40$ million. The proceeds of the bond are to be used to refund the City of San Antonio, Texas Water System Junior Lien Revenue Bonds, Series 2001, the City of San Antonio, Texas Water System Junior Lien Revenue Bonds, Series 2001-A, the City of San Antonio, Texas Water System Junior Lien Revenue Bonds, Series 2002, the City of San Antonio, Texas Water System Junior Lien Revenue Bonds, Series 2002-A, and pay the cost of issuance. The refunding is projected to reduce SAWS' total debt service payment over the next eleven years by approximately $\$ 3.9$ million. The bonds are expected to be issued in April 2012.

On March 7, 2012, SAWS contributed $\$ 12$ million to the San Antonio Water System Retiree Health Trust (OPEB Trust). The OPEB Trust was established under the provisions of the Internal Revenue Code of 1986 Section 115.

Funds in the trust must be used for the exclusive purpose of providing benefits to eligible retirees and their dependents. As discussed in Note K, SAWS intends to make subsequent annual contributions to the OPEB Trust in accordance with a plan that results in fully funding the actuarially determined annual required contributions for the OPEB Plan over a period of time.

## REQUIRED SUPPLEMENTAL INFORMATION

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# San Antonio Water System <br> REQUIRED SUPPLEMENTARY INFORMATION - (Unaudited) 

Post Employment Benefit Plans
Schedules of Funding Progress

Historical trend information about the plans is presented herewith as required supplementary information. It is intended to help users assess the plans' funding status on an on-going basis, assess progress made in accumulating assets to pay benefits when due, and make comparisons with other utility retirement systems.

## Actuarial

|  | Actuarial | Accrued | Unfunded |  | Covered |
| :---: | :---: | :---: | :---: | :---: | :---: | UAAL as a

Texas Municipal Retirement System:

| December 31, 2010 | $\$$ | 116,123 | $\$$ | 140,565 | $\$$ | 24,442 | $83 \%$ | $\$$ | 83,660 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| December 31, 2009 | 68,756 |  | 107,311 |  | 38,555 | $64 \%$ | 81,821 | $47 \%$ |  |
| December 31, 2008 | 63,674 |  | 96,539 |  | 32,865 | $66 \%$ |  | 74,448 | $44 \%$ |

San Antonio Water System Retirement Plan:

| January 1, 2011 | $\$$ | 83,320 | $\$$ | 128,700 | $\$$ | 45,380 | $65 \%$ | $\$$ | 83,505 | $54 \%$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| January 1, 2010 |  | 77,365 |  | 112,263 |  | 34,898 | $69 \%$ | 82,923 | $42 \%$ |  |
| January 1, 2009 |  | 74,611 |  | 99,144 |  | 24,533 | $75 \%$ |  | 70,252 | $35 \%$ |

Other Post Employment Benefit Plan:

| January 1, 2011 | $\$$ | - | $\$$ | 242,388 | $\$$ | 242,388 | - | $\$$ | 83,505 | $290 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| January 1, 2009 |  | - |  | 297,259 |  | 297,259 | - |  | 75,270 | $395 \%$ |
| January 1, 2007 |  | - |  | 200,083 |  | 200,083 | - |  | 69,288 | $289 \%$ |


| Year Ended <br> December | Annual Pension | Percentage of | Net Pension |
| :---: | :---: | :---: | :---: |
| 31, | (in thousands) | APC | Contributed | | Obligation |
| :---: |
| (in thousands) |

San Antonio Water System Retirement Plan:

| 2011 | $\$$ | 9,171 | $100 \%$ | $\$$ |
| :--- | :--- | :--- | :--- | :--- |
| 2010 | 7,849 | $100 \%$ | - |  |
| 2009 | 6,035 | $100 \%$ | - |  |
| 2008 | 4,891 | $100 \%$ | - |  |
| 2007 | 4,710 | $100 \%$ | - |  |
| 2006 | 4,575 | $100 \%$ | - |  |

## OTHER SUPPLEMENTAL INFORMATION

## DESCRIPTION OF FUNDS AND COMBINING SCHEDULES

# San Antonio Water System <br> DESCRIPTION OF FUNDS <br> For the Year Ended December 31, 2011 

City Ordinance No. 75686 adopted April 30, 1992 requires that Gross Revenues of the System be applied in sequence to: (a) current expenses of operation and maintenance including a two-month reserve amount; (b) debt service and reserve requirements; (c) transfers to the City and capital expenditures, or unexpected or extraordinary repairs or replacements, or for any other lawful purpose. Accordingly, the System has established certain self-balancing funds within its enterprise fund accounts to demonstrate compliance with City Ordinance No. 75686. In addition the System has established certain other self-balancing funds within its accounting system for purposes of internal management control and reporting. Following is a description of each self-balancing fund maintained by the Board.

## FUNDS ESTABLISHED BY CITY ORDINANCE NO. 75686

System Fund - All Gross Revenues of the System shall be credited to this fund upon receipt, unless otherwise provided in City Ordinance No. 75686. All current expenses of operation and maintenance of the System shall be paid from this fund as a first charge against the gross revenues so credited. Before making any deposits to other funds required to be made from the System Fund, the Board of Trustees shall retain in the System Fund at all times an amount at least equal to two months of the amount budgeted for the then current fiscal year for the current maintenance and operation expenses of the System.

Debt Service Fund - The sole purpose of this fund is for the payment of principal and interest on all bonds which are payable from Pledged Revenues.

Reserve Fund - This fund shall be used to pay the principal of and interest on any Bonds when and to the extent the amounts in the Debt Service Fund are insufficient for such purpose, and may be used for the purpose of finally retiring the last of any Bonds.

Project Fund - This fund shall be used to account for
(1) the proceeds of Senior Lien and Junior Lien Obligations and Commercial Paper Notes
(2) any premium thereon, and
(3) investment earnings thereon issued for the purposes of paying the costs of capitalized interest on the Senior Lien Obligations during the extension, construction, improvement, or repair of the System, the costs of issuance of Senior Lien and Junior Lien Obligations and any other lawful purpose.

Renewal and Replacement Fund - This fund shall be used for the purpose of
(1) paying the costs of improvements, enlargements, extensions, additions, replacements, or other capital expenditures related to the System, or

# San Antonio Water System DESCRIPTION OF FUNDS <br> <br> For the Year Ended December 31, 2011 

 <br> <br> For the Year Ended December 31, 2011}
(2) paying the costs of unexpected or extraordinary repairs or replacements of the System for which System Funds are not available
(3) paying unexpected or extraordinary expenses of operation and maintenance of the System for which System Funds are not otherwise available
(4) depositing any funds received by the System pursuant to the CPS Contract,
(5) paying bonds or other obligations of the System for which other System revenues are not available
(6) making up any shortfall in the required Payment to the City General Fund, and
(7) for any other lawful purpose.

# San Antonio Water System <br> COMBINING BALANCE SHEET 

December 31, 2011
(amounts in thousands)

|  | System <br> Fund |  | Debt Service <br> Fund |  |
| :---: | :---: | :---: | :---: | :---: |
| CURRENT ASSETS |  |  |  |  |
| Unrestricted Current Assets |  |  |  |  |
| Cash and cash equivalents | \$ | 53,621 | \$ | - |
| Investments |  | - |  | - |
| Accounts receivable |  | 45,922 |  | - |
| Other current assets |  | 7,985 |  | - |
| Interfund receivables |  | 15,831 |  | - |
| Total current assets |  | 123,359 |  | - |
| Restricted Current Assets |  |  |  |  |
| Cash and cash equivalents |  | - |  | 11,698 |
| Investments |  | 43,928 |  | 36,035 |
| Total restricted current assets |  | 43,928 |  | 47,733 |
| Total Current Assets |  | 167,287 |  | 47,733 |
| NONCURRENT ASSETS |  |  |  |  |
| Unrestricted Noncurrent Assets |  |  |  |  |
| Unamortized debt issuance costs |  | 17,680 |  | - |
| Deferred outflows-derivative instrument |  | 18,380 |  | - |
| Accounts receivable, non current |  | 7,985 |  | - |
| Restricted Noncurrent Assets |  |  |  |  |
| Cash and cash equivalents |  | - |  | - |
| Investments |  | - |  | - |
| Interfund receivables |  | - |  | - |
| Capital Assets: |  |  |  |  |
| Utility plant in service |  | 4,001,854 |  | - |
| Less allowance for depreciation |  | 1,271,438 |  | - |
|  |  | 2,730,416 |  | - |
| Land, water rights and other intangible assets |  | 300,211 |  | - |
| Construction in progress |  | 522,438 |  | - |
| Total capital assets (net of accumulated depreciation) |  | 3,553,065 |  | - |
| Total Noncurrent Assets |  | 3,597,110 |  | - |
| TOTAL ASSETS | \$ | 3,764,397 | \$ | 47,733 |


| Reserve <br> Fund | Renewal and <br> Replacement <br> Fund |  | Project <br> Fund |  | Combined <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# San Antonio Water System <br> COMBINING BALANCE SHEET 

December 31, 2011
(amounts in thousands)

|  | System Fund |  | Debt Service <br> Fund |  |
| :---: | :---: | :---: | :---: | :---: |
| LIABILITIES |  |  |  |  |
| Current Liabilities To Be Paid From Unrestricted Assets |  |  |  |  |
| Accounts payable | \$ | 29,156 | \$ | - |
| Accrued vacation payable |  | 4,576 |  | - |
| Accrued payroll and benefits |  | 1,556 |  | - |
| Accrued claims payable |  | 10,565 |  | - |
| Sundry payables and accruals |  | 1,338 |  | - |
| Total current liabilities |  | 47,191 |  | - |
| Current Liabilities To Be Paid From Restricted Assets |  |  |  |  |
| Accrued interest payable |  | - |  | 12,871 |
| Payables under construction contracts |  | - |  | - |
| Customers' deposits |  | 8,701 |  | - |
| Commercial paper notes |  | 2,840 |  | - |
| Revenue bonds payable within one year |  | 44,780 |  | - |
| Total restricted current liabilities |  | 56,321 |  | 12,871 |
| Total Current Liabilities |  | 103,512 |  | 12,871 |
| Noncurrent Liabilities |  |  |  |  |
| Accrued vacation payable |  | 2,919 |  | - |
| Unfunded postemployment benefits |  | 81,234 |  |  |
| Derivative instrument |  | 24,171 |  |  |
| Commercial paper notes |  | 212,090 |  | - |
| Revenue bonds payable after one year, net of unamortized premiums, discounts and deferred losses on refunding |  | 1,834,888 |  | - |
| Total Noncurrent Liabilities |  | 2,155,302 |  | - |
| TOTAL LIABILITIES |  | 2,258,814 |  | 12,871 |
| EQUITY |  |  |  |  |
| Restricted for operations |  | 35,227 |  | - |
| Restricted for debt service |  | - |  | 34,862 |
| Restricted for reserve fund |  | - |  | - |
| Invested in capital assets, net of related debt |  | 1,452,676 |  | - |
| Unrestricted |  | 17,680 |  | - |
| TOTAL EQUITY |  | 1,505,583 |  | 34,862 |
| TOTAL LIABILITIES AND EQUITY | \$ | 3,764,397 | \$ | 47,733 |


| Reserve Fund |  | Renewal and Replacement Fund |  | Project <br> Fund |  | Combined <br> Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | - | \$ | - | \$ | - | \$ | 29,156 |
|  | - |  | - |  | - |  | 4,576 |
|  | - |  | - |  | - |  | 1,556 |
|  | - |  | - |  | - |  | 10,565 |
|  | - |  | - |  | - |  | 1,338 |
|  | - |  | - |  | - |  | 47,191 |
|  | - |  | - |  | - |  | 12,871 |
|  | - |  | 14,552 |  | 21,215 |  | 35,767 |
|  | - |  | - |  | - |  | 8,701 |
|  |  |  | - |  |  |  | 2,840 |
|  | - |  | - |  | - |  | 44,780 |
|  | - |  | 14,552 |  | 21,215 |  | 104,959 |
|  | - |  | 14,552 |  | 21,215 |  | 152,150 |
|  | - |  | - |  | - |  | 2,919 |
|  |  |  |  |  |  |  | 81,234 |
|  |  |  |  |  |  |  | 24,171 |
|  | - |  | - |  | - |  | 212,090 |
| 11,652 |  |  | - |  | - |  | 1,846,540 |
| 11,652 |  |  | - |  | - |  | 2,166,954 |
| 11,652 |  |  | 14,552 |  | 21,215 |  | 2,319,104 |
|  | - |  | - |  | - |  | 35,227 |
|  | - |  | - |  | - |  | 34,862 |
|  | 54,696 |  | - |  | - |  | 54,696 |
|  | - |  | 98,455 |  | 48,481 |  | 1,599,612 |
|  | - |  | 120,363 |  | - |  | 138,043 |
|  | 54,696 |  | 218,818 |  | 48,481 |  | 1,862,440 |
| \$ | 66,348 | \$ | 233,370 | \$ | 69,696 | \$ | 4,181,544 |

# San Antonio Water System <br> COMBINING SCHEDULE OF REVENUES, EXPENSES <br> AND CHANGES IN EQUITY 

For the Year Ended December 31, 2011
(amounts in thousands)

|  | System Fund |  | Debt Service Fund |  |
| :---: | :---: | :---: | :---: | :---: |
| OPERATING REVENUES |  |  |  |  |
| Water delivery system | \$ | 125,188 | \$ | - |
| Water supply system |  | 130,755 |  | - |
| Wastewater system |  | 150,295 |  | - |
| Chilled water and steam system |  | 11,631 |  | - |
| Total operating revenues |  | 417,869 |  | - |
| OPERATING EXPENSE |  |  |  |  |
| Salaries and fringe benefits |  | 127,816 |  | - |
| Contractual services |  | 66,900 |  | - |
| Materials and supplies |  | 24,868 |  | - |
| Other charges |  | 21,756 |  | - |
| Less: Costs capitalized to Construction in Progress |  | $(32,282)$ |  | - |
| Total operating expenses before depreciation |  | 209,058 |  | - |
| Depreciation expense |  | 98,374 |  | - |
| Total operating expenses |  | 307,432 |  | - |
| Operating income |  | 110,437 |  | - |
| NONOPERATING REVENUES: |  |  |  |  |
| Interest earned and miscellaneous |  | 894 |  | 4,202 |
| NONOPERATING EXPENSES: |  |  |  |  |
| Amortization of debt issuance costs |  | 1,809 |  | - |
| Other finance charges |  | 2,881 |  | - |
| Interest expense |  | $(11,931)$ |  | 89,682 |
| Gain on sale of capital assets |  | (773) |  | - |
| Payments to the City of San Antonio |  | 10,926 |  | - |
| Payments to other entities |  | 124 |  | - |
| Total nonoperating expenses |  | 3,036 |  | 89,682 |
| Increase/(Decrease) in equity, before capital contributions |  | 108,295 |  | $(85,480)$ |
| Capital contributions |  | 35,872 |  | - |
| CHANGE IN EQUITY - carried forward | \$ | 144,167 | \$ | $(85,480)$ |


| Reserve <br> Fund |  | Renewal and <br> Replacement Fund |  | Project <br> Fund |  | Combined Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | - | \$ | - | \$ | - | \$ | 125,188 |
|  | - |  | - |  | - |  | 130,755 |
|  | - |  | - |  | - |  | 150,295 |
|  | - |  | - |  | - |  | 11,631 |
|  | - |  | - |  | - |  | 417,869 |
|  | - |  | - |  | - |  | 127,816 |
|  | - |  | - |  | - |  | 66,900 |
|  | - |  | - |  | - |  | 24,868 |
|  | - |  | - |  | - |  | 21,756 |
|  | - |  | - |  | - |  | $(32,282)$ |
|  | - |  | - |  | - |  | 209,058 |
|  | - |  | - |  | - |  | 98,374 |
|  | - |  | - |  | - |  | 307,432 |
|  | - |  | - |  | - |  | 110,437 |
|  | 334 |  | 581 |  | 169 |  | 6,180 |
|  | - |  | - |  | - |  | 1,809 |
|  | - |  | - |  | - |  | 2,881 |
|  |  |  |  |  |  |  | 77,751 |
|  | - |  | - |  | - |  | (773) |
|  | - |  | - |  | - |  | 10,926 |
|  | - |  | - |  | - |  | 124 |
|  | - |  | - |  | - |  | 92,718 |
|  | 334 |  | 581 |  | 169 |  | 23,899 |
|  | - |  | 23,608 |  | - |  | 59,480 |
| \$ | 334 | \$ | 24,189 | \$ | 169 | \$ | 83,379 |

# San Antonio Water System <br> COMBINING SCHEDULE OF REVENUES, EXPENSES <br> AND CHANGES IN EQUITY 

For the Year Ended December 31, 2011
(amounts in thousands)

|  | System <br> Fund |  | Debt Service Fund |  |
| :---: | :---: | :---: | :---: | :---: |
| CHANGE IN EQUITY - brought forward | \$ | 144,167 | \$ | $(85,480)$ |
| Equity, December 31, 2010 |  | 1,344,940 |  | 31,222 |
| Residual equity transfers in (out) |  | $(199,247)$ |  | 131,570 |
| Commercial paper issued |  | $(35,000)$ |  | - |
| Proceeds from Bond Issue |  | $(267,437)$ |  | - |
| Bond issuance costs |  | 2,345 |  | - |
| Repayment of commercial paper |  | 64,720 |  | $(2,720)$ |
| Retirement of bonds |  | 205,045 |  | $(39,730)$ |
| Expenditures for plant additions |  | 246,050 |  | - |
| Equity, December 31, 2011 | \$ | 1,505,583 | \$ | 34,862 |

Page 2 of 2

| Reserve <br> Fund |  | Renewal and Replacement Fund |  | Project <br> Fund |  | Combined Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 334 | \$ | 24,189 | \$ | 169 | \$ | 83,379 |
|  | 50,688 |  | 192,957 |  | 159,254 |  | 1,779,061 |
|  | 3,674 |  | 64,003 |  | - |  | - |
|  | - |  | - |  | 35,000 |  | - |
|  | - |  | - |  | 267,437 |  | - |
|  | - |  | - |  | $(2,345)$ |  | - |
|  | - |  | - |  | $(62,000)$ |  | - |
|  | - |  | - |  | $(165,315)$ |  | - |
|  | - |  | $(62,331)$ |  | (183,719) |  | - |
| \$ | 54,696 | \$ | 218,818 | \$ | 48,481 | \$ | 1,862,440 |

## San Antonio Water System <br> COMBINING SCHEDULE OF CASH FLOWS

For the Year Ended December 31, 2011
(amounts in thousands)

|  | System <br> Fund |  | Debt <br> Service <br> Fund |  |
| :---: | :---: | :---: | :---: | :---: |
| CASH FLOWS FROM OPERATING ACTIVITIES |  |  |  |  |
| Cash received from customers | \$ | 416,656 | \$ | - |
| Cash paid to vendors for operations |  | $(94,613)$ |  | - |
| Cash paid to employees for services |  | $(99,977)$ |  | - |
| Net cash provided by operating activities |  | 222,066 |  | - |
| CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES |  |  |  |  |
| Transfers to the City of San Antonio |  | $(8,003)$ |  | - |
| Transfers to other entities |  | (126) |  | - |
| Transfers in (out) |  | 10,895 |  | 389 |
| Equity transfers |  | $(199,247)$ |  | 131,570 |
| Net cash provided by/(used for) noncapital financing activities |  | $(196,481)$ |  | 131,959 |
| CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES |  |  |  |  |
| Proceeds from sale of capital assets |  | 1,175 |  | - |
| Proceeds from developers for plant construction |  | - |  | - |
| Proceeds from grants |  | - |  | - |
| Payments to employees for construction of plant |  | - |  | - |
| Payments to vendors for construction of plant |  | - |  | - |
| Payments for acquisition of equipment and furniture |  | - |  | - |
| Payments for acquisition of property and plant |  | - |  | - |
| Proceeds from commercial paper |  | - |  | - |
| Payment on the retirement of commercial paper |  | - |  | $(2,720)$ |
| Proceeds from revenue bonds |  | - |  | - |
| Payment for retirement of revenue bonds |  | - |  | $(39,730)$ |
| Payment of interest on commercial paper |  | - |  | (628) |
| Payment of interest on revenue bonds |  | - |  | $(87,679)$ |
| Payment for bond related expenses |  | - |  | - |
| Payment for bank charges |  | $(2,211)$ |  | - |
| Net cash provided by/(used for) capital and related financing |  | $(1,036)$ |  | $(130,757)$ |
| CASH FLOWS FROM INVESTING ACTIVITIES |  |  |  |  |
| Purchase of investments |  | $(19,995)$ |  | $(94,240)$ |
| Maturity of investments |  | 18,620 |  | 100,534 |
| Interest income |  | 1,062 |  | 4,202 |
| Net cash provided by/(used for) investing activities |  | (313) |  | 10,496 |
| NET INCREASE/(DECREASE) IN CASH AND CASH EQUIVALENTS |  | 24,236 |  | 11,698 |
| CASH AND CASH EQUIVALENTS, AT BEGINNING OF YEAR |  | 29,385 |  | - |
| CASH AND CASH EQUIVALENTS, AT END OF YEAR | \$ | 53,621 | \$ | 11,698 |


| $\begin{array}{c}\text { Reserve } \\ \text { Fund }\end{array}$ |  | $\begin{array}{c}\text { Renewal and } \\ \text { Replacement } \\ \text { Fund }\end{array}$ |  | $\begin{array}{c}\text { Project } \\ \text { Fund }\end{array}$ |  |
| ---: | ---: | ---: | ---: | ---: | ---: | \(\left.\begin{array}{c}Combined <br>

Total\end{array}\right]\)

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## SUPPLEMENTAL SCHEDULES

## San Antonio Water System <br> SCHEDULE OF REVENUES AND OTHER FINANCIAL SOURCES AND THEIR DISPOSITION <br> (amounts in thousands)

For the years ended December 31,

|  | 2011 |  | 2010 |  | Increase <br> (Decrease) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SOURCES OF FUNDS |  |  |  |  |  |  |
| OPERATING REVENUES |  |  |  |  |  |  |
| Water delivery system | \$ | 125,188 | \$ | 106,864 | \$ | 18,324 |
| Water supply system |  | 130,755 |  | 117,402 |  | 13,353 |
| Wastewater System |  | 150,295 |  | 132,291 |  | 18,004 |
| Chilled water and steam system |  | 11,631 |  | 12,223 |  | (592) |
| Total operating revenues |  | 417,869 |  | 368,780 |  | 49,089 |
| NONOPERATING REVENUES |  |  |  |  |  |  |
| Interest earned and miscellaneous |  | 6,180 |  | 3,742 |  | 2,438 |
| Other financing sources (draw on equity) |  | - |  | 1,751 |  | $(1,751)$ |
| Total nonoperating revenues |  | 6,180 |  | 5,493 |  | 687 |
| CAPITAL CONTRIBUTIONS |  |  |  |  |  |  |
| Capital Recovery Fees |  | 23,263 |  | 25,038 |  | $(1,775)$ |
| Grant Revenue |  | 345 |  | 1,100 |  | (755) |
| Total capital contributions |  | 23,608 |  | 26,138 |  | (2,530) |
| TOTAL SOURCES OF FUNDS | \$ | $\xrightarrow{447,657}$ | \$ | 400,411 | \$ | $\underline{47,246}$ |
| USES OF FUNDS |  |  |  |  |  |  |
| OPERATION AND MAINTENANCE |  |  |  |  |  |  |
| Salaries and fringe benefits | \$ | 120,690 | \$ | 107,229 | \$ | 13,461 |
| Contractual services |  | 66,900 |  | 82,708 |  | $(15,808)$ |
| Materials and supplies |  | 24,868 |  | 20,320 |  | 4,548 |
| Other charges |  | 11,159 |  | 17,694 |  | $(6,535)$ |
| Less: Costs capitalized to Construction in Progress |  | (30,362) |  | $(32,035)$ |  | 1,673 |
| Total operation and maintenance |  | 193,255 |  | 195,916 |  | $(2,661)$ |
| OPERATING RESERVE REQUIREMENT |  | 1,272 |  | (694) |  | 1,966 |
| DEBT REQUIREMENTS |  |  |  |  |  |  |
| Revenue Bonds: |  |  |  |  |  |  |
| Interest costs |  | 85,335 |  | 80,432 |  | 4,903 |
| Retirement of bonds |  | 42,854 |  | 41,657 |  | 1,197 |
| Subordinate Lien Debt: |  |  |  |  |  |  |
| Interest costs |  | 4,036 |  | 4,205 |  | (169) |
| Retirement of bonds |  | 2,800 |  | 2,680 |  | 120 |
| Commercial Paper Notes |  | 325 |  | 647 |  | (322) |
| Other Debt Expense |  | 2,881 |  | 2,949 |  | (68) |
| Total debt requirements |  | 138,231 |  | 132,570 |  | 5,661 |
| TRANSFER TO THE CITY'S GENERAL FUND |  | 10,926 |  | 9,565 |  | 1,361 |
| AMOUNT AVAILABLE FOR TRANSFER TO |  |  |  |  |  |  |
| THE RENEWAL AND REPLACEMENT FUND: |  |  |  |  |  |  |
| CAPITAL CONTRIBUTIONS |  | 23,608 |  | 26,138 |  | $(2,530)$ |
| GENERAL |  | 80,365 |  | 36,916 |  | 43,449 |
| Total amount available for Renewal and Replacement Funds |  | 103,973 |  | 63,054 |  | 40,919 |
| TOTAL USES OF FUNDS | \$ | 447,657 | \$ | 400,411 | \$ | 47,246 |

The accompanying notes to the supplemental schedules is an integral part of this schedule.

# San Antonio Water System <br> SCHEDULE OF REVENUES AND THEIR DISPOSITION COMPARED TO ANNUAL BUDGET 

(amounts in thousands)
For the year ended December 31, 2011

| SOURCES OF FUNDS | Actual |  | Annual <br> Budget |  | Variance |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| OPERATING REVENUES |  |  |  |  |  |  |
| Water delivery system | \$ | 125,188 | \$ | 116,417 | \$ | 8,771 |
| Water supply system |  | 130,755 |  | 122,427 |  | 8,328 |
| Wastewater System |  | 150,295 |  | 149,644 |  | 651 |
| Chilled water and steam system |  | 11,631 |  | 11,816 |  | (185) |
| Total operating revenues |  | 417,869 |  | 400,304 |  | 17,565 |
| NONOPERATING REVENUES |  |  |  |  |  |  |
| Interest earned and miscellaneous |  | 6,180 |  | 5,194 |  | 986 |
| CAPITAL CONTRIBUTIONS |  |  |  |  |  |  |
| Capital Recovery Fees |  | 23,263 |  | 32,000 |  | $(8,737)$ |
| Grant Revenue |  | 345 |  | - |  | 345 |
| Total capital contributions |  | 23,608 |  | 32,000 |  | $(8,392)$ |
| TOTAL SOURCES OF FUNDS | \$ | $\stackrel{447,657}{ }$ | \$ | 437,498 | \$ | $\underline{ }$ 10,159 |
| USES OF FUNDS |  |  |  |  |  |  |
| OPERATION AND MAINTENANCE |  |  |  |  |  |  |
| Salaries and fringe benefits | \$ | 120,690 | \$ | 120,133 | \$ | (557) |
| Contractual services |  | 66,900 |  | 93,177 |  | 26,277 |
| Materials and supplies |  | 24,868 |  | 21,568 |  | $(3,300)$ |
| Other charges |  | 11,159 |  | 11,249 |  | 90 |
| Less: Costs capitalized to Construction in Progress |  | $(30,362)$ |  | $(34,764)$ |  | $(4,402)$ |
| Total operation and maintenance |  | 193,255 |  | 211,363 |  | 18,108 |
| OPERATING RESERVE REQUIREMENT |  | 1,272 |  | 1,261 |  | (11) |
| DEBT REQUIREMENTS |  |  |  |  |  |  |
| Revenue Bonds: |  |  |  |  |  |  |
| Interest costs |  | 85,335 |  | 88,288 |  | 2,953 |
| Retirement of bonds |  | 42,854 |  | 43,962 |  | 1,108 |
| Subordinate Lien Debt: |  |  |  |  |  |  |
| Interest costs |  | 4,036 |  | 4,377 |  | 341 |
| Retirement of bonds |  | 2,800 |  | 2,800 |  | - |
| Commercial Paper Notes |  | 325 |  | 1,020 |  | 695 |
| Other Debt Expense |  | 2,881 |  | 3,940 |  | 1,059 |
| Total debt requirements |  | 138,231 |  | 144,387 |  | 6,156 |
| TRANSFER TO THE CITY'S GENERAL FUND |  | 10,926 |  | 10,401 |  | (525) |
| AMOUNT AVAILABLE FOR TRANSFER TO |  |  |  |  |  |  |
| THE RENEWAL AND REPLACEMENT FUND: |  |  |  |  |  |  |
| CAPITAL CONTRIBUTIONS |  | 23,608 |  | 32,000 |  | 8,392 |
| GENERAL |  | 80,365 |  | 38,086 |  | $(42,279)$ |
| Total amount available for Renewal and Replacement Funds |  | 103,973 |  | 70,086 |  | $(33,887)$ |
| TOTAL USES OF FUNDS | \$ | 447,657 | \$ | 437,498 | \$ | $(10,159)$ |

The accompanying notes to the supplemental schedules is an integral part of this schedule.

## San Antonio Water System <br> SCHEDULE OF OPERATION AND MAINTENANCE EXPENSE BY ACCOUNT (SYSTEM FUND)

For the year ended December 31, 2011

| Account | Classification | (amounts in thousands) |  |  |  |  |  | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual |  | Budget |  | Variance |  |  |
| Code |  |  |  |  | Under) |  |
| SALARIES AND FRINGE BENEFITS |  |  |  |  |  |  |  |  |
| 511100 | Salaries | \$ | 79,872 |  |  | \$ | 78,944 | \$ | (928) | -1.2\% |
| 511140 | Overtime Pay |  | 3,222 |  | 2,504 |  | (718) | -28.7\% |
| 511150 | On-Call Pay |  | 332 |  | 504 |  | 172 | 34.1\% |
| 511160 | Employee Insurance |  | 15,450 |  | 16,299 |  | 849 | 5.2\% |
| 511162 | Employee Retirement |  | 19,439 |  | 17,851 |  | $(1,588)$ | -8.9\% |
| 511164 | Compensation for Unused Sick Leave |  | 29 |  | 74 |  | 45 | 60.8\% |
| 511166 | Personal Leave Bonus |  | 851 |  | 805 |  | (46) | -5.7\% |
| 511168 | Vacation Pay |  | 1,176 |  | 913 |  | (263) | -28.8\% |
| 511170 | Incentive Pay |  | 319 |  | 239 |  | (80) | -33.5\% |
| 511175 | Other postemployment benefits |  | - |  | 2,000 |  | 2,000 | 100.0\% |
|  | Total Salaries and Fringe Benefits |  | 120,690 |  | 120,133 |  | (557) | -0.5\% |
| CONTRACTUAL SERVICES |  |  |  |  |  |  |  |  |
| 511210 | Operating Expense |  | 1,954 |  | 2,017 |  | 63 | 3.1\% |
| 511211 | Rental of Facilities |  | 336 |  | 327 |  | (9) | -2.8\% |
| 511212 | Alarm and Security |  | 1,838 |  | 1,545 |  | (293) | -19.0\% |
| 511213 | Collection Expense |  | 189 |  | 337 |  | 148 | 43.9\% |
| 511214 | Shoe Reimbursement |  | 62 |  | 95 |  | 33 | 34.7\% |
| 511216 | Catering Services |  | 113 |  | 151 |  | 38 | 25.2\% |
| 511219 | Program Rebates |  | 400 |  | 1,109 |  | 709 | 63.9\% |
| 511220 | Maintenance Expense |  | 10,141 |  | 8,534 |  | $(1,607)$ | -18.8\% |
| 511221 | Street Cut Permit |  | 692 |  | 1,086 |  | 394 | 36.3\% |
| 511222 | Street Pavement Repair Fees |  | 4,652 |  | 2,196 |  | $(2,456)$ | -111.8\% |
| 511223 | Preventative Maintenance |  | 61 |  | 67 |  | 6 | 9.0\% |
| 511224 | Corrective Maintenance |  | 1,120 |  | 1,025 |  | (95) | -9.3\% |
| 511225 | Damage Repair |  | 227 |  | 115 |  | (112) | -97.4\% |
| 511230 | Outside Equipment Rental |  | 535 |  | 462 |  | (73) | -15.8\% |
| 511240 | Travel |  | 184 |  | 187 |  | 3 | 1.6\% |
| 511245 | Training |  | 639 |  | 639 |  | - | 0.0\% |
| 511247 | Conferences |  | 55 |  | 91 |  | 36 | 39.6\% |
| 511250 | Memberships and Subscriptions |  | 416 |  | 399 |  | (17) | -4.3\% |
| 511260 | Utilities |  | 24,930 |  | 22,696 |  | $(2,234)$ | -9.8\% |
| 511261 | Water Options \& Payments |  | 15,069 |  | 15,041 |  | (28) | -0.2\% |
| 511265 | Groundwater District Payments |  | 7,261 |  | 10,480 |  | 3,219 | 30.7\% |
| 511270 | Postage |  | 2,000 |  | 1,970 |  | (30) | -1.5\% |
| 511280 | Telemetering Charges |  | 46 |  | 50 |  | 4 | 8.0\% |
| 511309 | Educational Assistance - Books |  | 15 |  | 20 |  | 5 | 25.0\% |
| 511310 | Educational Assistance - Tuition |  | 207 |  | 150 |  | (57) | -38.0\% |
| 511312 | Contractual Professional Services |  | $(14,644)$ |  | 13,042 |  | 27,686 | 212.3\% |
| 511313 | Inspection and Assessment Fees |  | 1,466 |  | 1,607 |  | 141 | 8.8\% |
| 511315 | Temporary Employees |  | 615 |  | 582 |  | (33) | -5.7\% |
| 511320 | Legal Services |  | 2,162 |  | 3,294 |  | 1,132 | 34.4\% |
| 511370 | Communications |  | 1,014 |  | 1,217 |  | 203 | 16.7\% |
| 511381 | Software and Hardware Maintenance |  | 3,145 |  | 2,646 |  | (499) | -18.9\% |
|  | Total Contractual Services |  | 66,900 |  | 93,177 |  | 26,277 | 28.2\% |

## San Antonio Water System <br> SCHEDULE OF OPERATION AND MAINTENANCE EXPENSE BY ACCOUNT (SYSTEM FUND)

## For the year ended December 31, 2011

| Account <br> Code | Classification | (amounts in thousands) |  |  |  |  |  | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Actual |  | Budget | Variance |  |  |
|  |  |  |  |  |  |  | Under) |  |
| MATERIALS AND SUPPLIES |  |  |  |  |  |  |  |  |
| 511410 | Small Tools |  | 850 |  | 555 |  | (295) | -53.2\% |
| 511417 | Copy and Printing Expense |  | 19 |  | 35 |  | 16 | 45.7\% |
| 511420 | Operating Materials and Supplies |  | 3,071 |  | 2,299 |  | (772) | -33.6\% |
| 511421 | Heating Fuel |  | 80 |  | 77 |  | (3) | -3.9\% |
| 511422 | Chemicals |  | 6,314 |  | 6,388 |  | 74 | 1.2\% |
| 511425 | Education of School Children |  | 34 |  | 25 |  | (9) | -36.0\% |
| 511426 | Public Awareness |  | 1 |  | 1 |  | - | 0.0\% |
| 511427 | Enforcement |  | 34 |  | 20 |  | (14) | -70.0\% |
| 511428 | Program Materials |  | 1,620 |  | 1,766 |  | 146 | 8.3\% |
| 511430 | Maintenance Materials and Supplies |  | 7,834 |  | 6,766 |  | $(1,068)$ | -15.8\% |
| 511440 | Safety Materials and Supplies |  | 914 |  | 781 |  | (133) | -17.0\% |
| 511441 | SRT Inventory Variances |  | (8) |  | 30 |  | 38 | 126.7\% |
| 511450 | Tires and Tubes |  | 572 |  | 231 |  | (341) | -147.6\% |
| 511451 | Motor Fuel and Lubricants |  | 3,533 |  | 2,594 |  | (939) | -36.2\% |
|  | Total Materials and Supplies |  | 24,868 |  | 21,568 |  | $(3,300)$ | -15.3\% |
| OTHER CHARGES |  |  |  |  |  |  |  |  |
| 511510 | Judgment and Claim Settlements |  | 685 |  | 500 |  | (185) | -37.0\% |
| 511511 | AL/GL Claims - Contingent Liability |  | 492 |  | 75 |  | (417) | -556.0\% |
| 511520 | Bank Charges |  | 830 |  | 981 |  | 151 | 15.4\% |
| 511525 | Cash Short/(Over) |  | 1 |  | - |  | (1) | - |
| 511530 | Employee Relations |  | 310 |  | 305 |  | (5) | -1.6\% |
| 511540 | Dependent \& Retiree Med Coverage |  | 6,839 |  | 6,738 |  | (101) | -1.5\% |
| 511570 | General Liability \& Fire Insurance |  | 1,147 |  | 1,305 |  | 158 | 12.1\% |
| 511580 | Unemployment Compensation |  | 50 |  | 30 |  | (20) | -66.7\% |
| 511590 | Workers' Compensation - Medical Payments |  | 813 |  | 1,000 |  | 187 | 18.7\% |
| 511600 | Workers' Compensation - Contingent Liability |  | (288) |  | - |  | 288 | - |
| 511610 | Workers' Compensation - Benefits and Payments |  | 253 |  | 275 |  | 22 | 8.0\% |
| 511620 | Workers' Compensation - Misc. Claims Expenditures |  | 27 |  | 40 |  | 13 | 32.5\% |
|  | Total Other Charges |  | 11,159 |  | 11,249 |  | 90 | 0.8\% |
| 511720 | Subtotal before Transfers |  | 223,617 |  | 246,127 |  | 22,510 | 9.1\% |
|  | Interfund Transfers |  | $(30,362)$ |  | $(34,764)$ |  | $(4,402)$ | 12.7\% |
|  | Total Interfund Transfers |  | $(30,362)$ |  | $(34,764)$ |  | $(4,402)$ | 12.7\% |
|  | Total Operation and Maintenance | \$ | 193,255 | \$ | 211,363 | \$ | 18,108 | 8.6\% |

The accompanying notes to the supplemental schedules is an integral part of this schedule.

San Antonio Water System<br>Notes to Supplemental Schedules<br>For the years ended December 31, 2011 and 2010

## Note 1 - Basis for Presentation

The Schedule of Revenues and Other Financial Sources and Their Disposition, the Schedule of Revenues and Their Disposition Compared to Annual Budget and the Schedule of Operation and Maintenance Expense by Account (System Funds) have all been prepared in accordance with City Ordinance No. 75686 ("the Ordinance"). The Ordinance requires that gross revenues of SAWS be applied in sequence to: (1) System Fund for payment of current maintenance and operating expenses including a two-month reserve amount based upon the budgeted amount of maintenance and operating expenses for the current Fiscal year; (2) Debt Service Fund requirements of Senior Lien Obligations; (3) Reserve Fund requirements of Senior Lien Obligations; (4) Interest and Sinking Fund and Reserve Fund requirements of Junior Lien Obligations; (5) Interest and Sinking Fund and Reserve Fund requirements of Subordinate Lien Obligations; (6) Payment of amounts required on Inferior Lien Obligations, and (7) Transfers to the City's General Fund and to the Renewal and Replacement Fund. Further, the Ordinance stipulates that the annual budget shall reflect an estimate of Gross Revenues and an estimate of the disposition of these revenues in accordance with the funds flow requirements of the Ordinance.

## Note 2 - Reconciliation to Basic Financial Statements

In 2007, SAWS implemented GASB Statement No. 45, Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions. This statement establishes standards for the measurement, recognition, and disclosure of expenses and related liabilities associated with postemployment benefits other than pensions (OPEB's). SAWS provides certain health care and life insurance benefits for retired employees. Prior to the adoption of this Statement, the cost of providing these benefits was recognized on a pay-as-you-go basis by expensing the annual premiums for this coverage. Beginning in 2007, in accordance with GASB 45 SAWS has recorded a net OPEB obligation in addition to the pay-as-you-go cost of these benefits. This additional OPEB cost was unfunded at December 31, 2011 and 2010.

SAWS provides pension benefits for its eligible employees through the Texas Municipal Retirement System (TMRS). Beginning with the December 31, 2007 actuarial valuation, TMRS made a change in the funding method and the amortization period. To assist in this transition to higher rates, TMRS approved an eight-year phase-in period beginning in 2009, which allows governments the opportunity to increase their contributions gradually. SAWS elected to transition the increase in its contribution rate over the eight-year phase-in period. As a result of these changes, SAWS' actuarially required contribution as a percent of salary was $5.87 \%$ for 2011 and $5.62 \%$ for 2010 while the phased-in rate was $4.64 \%$ for 2011 and $4.15 \%$ for 2010.

San Antonio Water System<br>Notes to Supplemental Schedules

For the years ended December 31, 2011 and 2010

Unfunded benefit expense does not meet the definition of operating and maintenance costs of SAWS in accordance with the Ordinance. As a result, this expense was not included in SAWS' Annual Budget for 2010 and 2011 and has been excluded from the Supplemental Schedules.

Periodically SAWS reviews its capital assets for possible impairment. Impaired assets are written down to their estimated fair value. As these write-offs do not require the outlay of cash, they do not meet the definition of operating and maintenance costs of SAWS in accordance with the Ordinance. As a result, this expense has been excluded from the Supplemental Schedules.

The operation and maintenance cost reported in the Supplemental Schedules reconciles to the Basic Financial Statements as follows:

|  | (amounts in thousands) <br> Year Ended December 31, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2011 |  | 2010 |  |
| Operating and maintenance costs | \$ | 193,255 | \$ | 195,916 |
| Unfunded benefit expense |  | 13,932 |  | 20,209 |
| Write-off of asset impairments |  | 3,791 |  | 13,274 |
| Less portion of unfunded benefits capitalized to Construction in Progress |  | $(1,920)$ |  | $(2,910)$ |
| Operating expenses before depreciation per Statement of Revenues, Expenses and Changes in Equity | \$ | 209,058 | \$ | 226,489 |

## STATISTICAL SECTION

## San Antonio Water System <br> Statistical Section <br> Table of Contents

This part of the SAWS comprehensive annual financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about $S A W S^{\prime}$ overall financial health.

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| These schedules contain trend information to belp the reader understand how SAWS' financial performance and well-being have changed over time. |  |
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Sources: Unless otherwise noted, information presented in these schedules was obtained from SAWS' comprehensive annual financial reports or internal information systems.

San Antonio Water System
Schedule 1 - Fund Equity
(accrual basis of accounting)
(amounts in thousands)

System Fund:
Invested in capital assets, net of related debt
Restricted
Unrestricted
Total equity - System Fund
Internal Service Fund (a):
Invested in capital assets, net of related debt Unrestricted

Total equity - Internal Service Fund

(a) Internal Service Fund was eliminated in 2007. Fund balances were transferred to the System Fund.

San Antonio Water System
Schedule 2-Change in Equity
(accrual basis of accounting)
(accrual basis of account

Operating revenues:
Water delivery
Water supply
Wastewater
Chilled water \& steam
Operating expenses before depreciation:
Salaries and fringe benefits
Contractual services
Materials and supplies
Other charges
Less: Costs capitalized to
Construction in Progress
Internal Service Fund - net (gain)/loss
Operating expense before depreciation Depreciation
Total operating expenses

## Operating Income

Non-operating revenues:
Interest and miscellaneous
Gain/(Loss) from fair value of investments

Non-operating expenses:
Amortization of debt issuance costs
Other finance charges
Interest expense
Payments to City of San Antonio
Payments to other entities
Total non-operating expense
Special Items
Increases (decreases) in equity
before capital contributions
Capital contributions
Plant Contributions
Capital Recovery Fees
Grant Revenue
Total contributions
Change in net assets

| Fiscal Year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |  | 2005 |  | 2004 |  | 2003 |  | 2002 |  |
| \$ | 125,188 | \$ | 106,864 | \$ | 105,204 | \$ | 111,379 | \$ | 89,991 | \$ | 104,104 | \$ | 92,954 |  | 72,495 | \$ | 64,823 | \$ | 58,624 |
|  | 130,755 |  | 117,402 |  | 113,783 |  | 123,167 |  | 101,550 |  | 117,626 |  | 107,506 |  | 78,123 |  | 75,647 |  | 75,845 |
|  | 150,295 |  | 132,291 |  | 133,641 |  | 127,400 |  | 123,180 |  | 123,780 |  | 112,769 |  | 98,691 |  | 87,226 |  | 88,935 |
|  | 11,631 |  | 12,223 |  | 12,714 |  | 12,675 |  | 12,997 |  | 13,146 |  | 13,304 |  | 11,963 |  | 12,130 |  | 10,811 |
|  | 417,869 |  | 368,780 |  | 365,342 |  | 374,621 |  | 327,718 |  | 358,656 |  | 326,533 | \$ | 261,272 |  | 239,826 |  | 234,215 |
|  | 127,816 |  | 121,523 |  | 115,177 |  | 103,556 |  | 95,821 |  | 90,857 |  | 81,752 |  | 80,403 |  | 75,631 |  | 71,437 |
|  | 66,900 |  | 82,708 |  | 89,112 |  | 89,894 |  | 83,243 |  | 82,121 |  | 87,272 |  | 69,127 |  | 71,085 |  | 64,568 |
|  | 24,868 |  | 20,320 |  | 22,768 |  | 22,438 |  | 17,947 |  | 16,330 |  | 15,035 |  | 14,144 |  | 13,753 |  | 12,554 |
|  | 21,756 |  | 36,883 |  | 24,398 |  | 20,735 |  | 17,884 |  | 11,201 |  | 9,804 |  | 8,074 |  | 8,771 |  | 3,670 |
|  | $(32,282)$ |  | $(34,945)$ |  | $(35,643)$ |  | $(31,137)$ |  | $(29,334)$ |  | $(23,244)$ |  | $(22,714)$ |  | $(19,053)$ |  | $(19,312)$ |  | $(15,638)$ |
|  |  |  |  |  | - |  | - |  | - |  | - |  | 704 |  | (249) |  | 1,555 |  | $(2,607)$ |
|  | 209,058 |  | 226,489 |  | 215,812 |  | 205,486 |  | 185,561 |  | 177,265 |  | 171,853 |  | 152,446 |  | 151,483 |  | 133,984 |
|  | 98,374 |  | 107,761 |  | 86,535 |  | 83,494 |  | 78,307 |  | 71,312 |  | 67,958 |  | 60,646 |  | 57,005 |  | 55,467 |
|  | 307,432 |  | 334,250 |  | 302,347 |  | 288,980 |  | 263,868 |  | 248,577 |  | 239,811 |  | 213,092 |  | 208,488 |  | 189,451 |
|  | 110,437 |  | 34,530 |  | 62,995 |  | 85,641 |  | 63,850 |  | 110,079 |  | 86,722 |  | 48,180 |  | 31,338 |  | 44,764 |
|  | 6,180 |  | 3,742 |  | 4,511 |  | 14,382 |  | 24,442 |  | 20,716 |  | 10,120 |  | 6,703 |  | 7,188 |  | 7,547 |
|  | - |  | - |  | - |  | - |  | - |  | - |  | (113) |  | 357 |  | 121 |  | 1,948 |
|  | 6,180 |  | 3,742 |  | 4,511 |  | 14,382 |  | 24,442 |  | 20,716 |  | 10,007 |  | 7,060 |  | 7,309 |  | 9,495 |
|  | 1,809 |  | 2,081 |  | 1,465 |  | 1,521 |  | 1,015 |  | 645 |  | 537 |  | 500 |  | 430 |  | 380 |
|  | 2,881 |  | 2,936 |  | 2,508 |  | 1,418 |  | 880 |  | 1,081 |  | 931 |  | 1,144 |  | 1,031 |  | - |
|  | 77,751 |  | 76,805 |  | 67,686 |  | 63,556 |  | 63,672 |  | 60,612 |  | 46,788 |  | 41,592 |  | 40,895 |  | 41,144 |
|  | (773) |  | (392) |  | 104 |  | $(4,014)$ |  | 4 |  | $(2,266)$ |  | 1,227 |  | (131) |  | 199 |  | 2,388 |
|  | 10,926 |  | 9,565 |  | 9,740 |  | 10,448 |  | 9,376 |  | 10,026 |  | 8,983 |  | 7,102 |  | 6,608 |  | 6,227 |
|  | 124 |  | 124 |  | 119 |  | 119 |  | 192 |  | 211 |  | 213 |  | 184 |  | - |  | - |
|  | 92,718 |  | 91,119 |  | 81,622 |  | 73,048 |  | 75,139 |  | 70,309 |  | 58,679 |  | 50,391 |  | 49,163 |  | 50,139 |
|  | - |  | - |  | - |  | - |  | - |  | $(4,999)$ |  | $(3,584)$ |  | $(9,786)$ |  | - |  | - |
|  | 23,899 |  | $(52,847)$ |  | $(14,116)$ |  | 26,975 |  | 13,153 |  | 55,487 |  | 34,466 |  | $(4,937)$ |  | $(10,516)$ |  | 4,120 |
|  | 23,263 |  | 27,162 |  | 42,190 |  | 91,827 |  | 104,795 |  | 81,208 |  | 48,238 |  | 45,302 |  | 52,055 |  | 53,764 |
|  | 35,872 |  | 25,038 |  | 23,636 |  | 36,842 |  | 32,926 |  | 45,112 |  | 33,171 |  | 24,226 |  | 14,236 |  | 23,164 |
|  | 345 |  | 1,100 |  | 1,049 |  | 276 |  | 2,043 |  | 103 |  | 1,160 |  | - |  | - |  | - |
|  | 59,480 |  | 53,300 |  | 66,875 |  | 128,945 |  | 139,764 |  | 126,423 |  | 82,569 |  | 69,528 |  | 66,291 |  | 76,928 |
| \$ | 83,379 | \$ | 453 | \$ | 52,759 | \$ | 155,920 | \$ | 152,917 | \$ | 181,910 | \$ | 117,035 | \$ | 64,591 | \$ | 55,775 | \$ | 81,048 |

San Antonio Water System
Schedule 3 - Equity in System
(accrual basis of accounting)
(amounts in thousands)

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 |  | 2010 |  | 2009 (a) |  | 2008 (a) |  | 2007 |  | 2006 |  | 2005 |  | 2004 |  | 2003 |  | 2002 |  |
| Assets: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Capital Assets, net of accumulated depreciation | \$ | 3,553,065 | \$ | 3,362,867 | \$ | 3,174,264 | \$ | 2,967,190 | \$ | 2,697,592 | \$ | 2,471,129 | \$ | 2,338,280 | \$ | 2,180,021 | \$ | 2,016,140 | \$ | 1,771,556 |
| Cash and Investments |  | 528,761 |  | 575,629 |  | 576,652 |  | 478,919 |  | 480,240 |  | 435,543 |  | 337,322 |  | 307,769 |  | 331,657 |  | 354,756 |
| Other Assets |  | 99,718 |  | 81,153 |  | 74,823 |  | 71,110 |  | 72,796 |  | 65,482 |  | 64,828 |  | 59,691 |  | 45,896 |  | 36,883 |
| Total Assets |  | 4,181,544 |  | 4,019,649 |  | 3,825,739 |  | 3,517,219 |  | 3,250,628 |  | 2,972,154 |  | 2,740,430 |  | 2,547,481 |  | 2,393,693 |  | 2,163,195 |
| Liabilities: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Revenue Bonds Payable (net) |  | 1,891,320 |  | 1,832,523 |  | 1,743,689 |  | 1,408,182 |  | 1,492,865 |  | 1,257,642 |  | 1,348,054 |  | 1,134,379 |  | 1,018,643 |  | 866,714 |
| Commercial Paper Notes |  | 214,930 |  | 244,650 |  | 173,650 |  | 261,115 |  | 100,000 |  | 237,360 |  | 98,000 |  | 238,400 |  | 269,000 |  | 255,000 |
| Other Liabilities |  | 212,854 |  | 163,415 |  | 129,792 |  | 122,073 |  | 87,834 |  | 60,140 |  | 59,274 |  | 56,635 |  | 52,574 |  | 43,781 |
| Total Liabilities |  | 2,319,104 |  | 2,240,588 |  | 2,047,131 |  | 1,791,370 |  | 1,680,699 |  | 1,555,142 |  | 1,505,328 |  | 1,429,414 |  | 1,340,217 |  | 1,165,495 |
| Equity in System | \$ | 1,862,440 | \$ | 1,779,061 | \$ | 1,778,608 | \$ | 1,725,849 | \$ | 1,569,929 | \$ | 1,417,012 | \$ | 1,235,102 | \$ | 1,118,067 | \$ | 1,053,476 | \$ | 997,700 |
| Percentage Equity in System |  | 44.5\% |  | 44.3\% |  | 46.5\% |  | 49.1\% |  | 48.3\% |  | 47.7\% |  | 45.1\% |  | 43.9\% |  | 44.0\% |  | 46.1\% |

(a) Amounts have been restated as a result of the adoption of GASB 53, Accounting and Financial Reporting for Derivative Instruments.

San Antonio Water System
Schedule 4 - Water Production, Water Usage and Wastewater Treated
(gallons in millions)

| Fiscal Year | Gallons of Water Production (b) | Gallons of Water Usage | Gallons of Water Unbilled | Average <br> Percent <br> Unbilled | Gallons of Wastewater Treated | Total Direct Rate |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Water |  |  |  | Sewer |  |  |  |
|  |  |  |  |  |  | $\begin{gathered} \text { Base } \\ \text { Rate (c) } \\ \hline \end{gathered}$ |  | Usage <br> Rate (d) |  | $\begin{gathered} \hline \text { Base } \\ \text { Rate (e) } \\ \hline \end{gathered}$ |  | Usage <br> Rate (f) |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2011 | 70,701 | 59,133 | 11,568 | 16.36\% | 49,918 | \$ | 7.10 | \$ | 18.10 | \$ | 8.73 | \$ | 10.78 |
| 2010 (a) | 60,428 | 52,578 | 7,850 | 12.99\% | 48,152 |  | 7.10 |  | 18.10 |  | 8.73 |  | 10.78 |
| 2009 | 60,646 | 55,295 | 5,351 | 8.82\% | 51,987 |  | 6.77 |  | 20.04 |  | 7.76 |  | 9.63 |
| 2008 | 67,523 | 58,828 | 8,695 | 12.88\% | 50,347 |  | 6.56 |  | 19.92 |  | 7.37 |  | 9.14 |
| 2007 | 55,043 | 49,511 | 5,532 | 10.05\% | 49,217 |  | 6.56 |  | 19.59 |  | 7.37 |  | 9.14 |
| 2006 | 63,388 | 57,724 | 5,664 | 8.94\% | 53,270 |  | 6.56 |  | 19.69 |  | 7.37 |  | 9.14 |
| 2005 | 58,990 | 55,005 | 3,985 | 6.76\% | 49,287 |  | 6.11 |  | 18.42 |  | 7.33 |  | 9.10 |
| 2004 | 51,231 | 49,367 | 1,864 | 3.64\% | 49,592 |  | 5.61 |  | 15.47 |  | 6.60 |  | 8.19 |
| 2003 | 55,039 | 50,575 | 4,464 | 8.11\% | 49,669 |  | 5.61 |  | 13.20 |  | 5.70 |  | 7.14 |
| 2002 | 52,691 | 51,850 | 841 | 1.60\% | 52,181 |  | 5.61 |  | 11.97 |  | 5.70 |  | 7.14 |

(a) Reflects rate increase and rate restructuring for water usage beginning in November 2010. Prior to November, Water Base Rate (including TCEQ fees) was $\$ 6.96$, Water Usage Rate was $\$ 20.52$, Sewer Base Rate (including TCEQ fees) was $\$ 7.81$ and Sewer Usage Rate was $\$ 9.63$.
(b) Pumpage is total potable water production less Aquifer Storage and Recovery recharge
(c) Rate shown is for $5 / 8^{\prime \prime}$ meters. See Schedule 8 for the rates of other meter sizes.
(d) Represents standard (non-seasonal) usage charge for monthly residential water usage of 7,788 gallons per month. Includes water supply and EAA fees.
(e) Minimum service availability charge (includes charge for first 1,496 gallons)
(f) Represents usage charge for a residential customer based on winter average water consumption of 6,178 gallons per month.

San Antonio Water System
Schedule 5 - Sales by Source
(accrual basis of accounting)
(amounts in thousands)

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| Water Sales: |  |  |  |  |  |  |  |  |  |  |
| Residential Class | \$79,332 | \$66,410 | \$65,333 | \$68,516 | \$56,096 | \$65,927 | \$58,351 | \$44,829 | \$45,147 | \$45,414 |
| General Class | 33,571 | 32,326 | 32,943 | 32,330 | 29,313 | 31,606 | 28,613 | 24,006 | 23,219 | 23,682 |
| Wholesale Class | 234 | 136 | 204 | 179 | 120 | 145 | 182 | 114 | 143 | 173 |
| Irrigation Class (a) | 11,722 | 12,909 | 12,176 | 16,124 | 10,659 | 12,541 | 11,723 | 8,210 | 8,666 | 8,535 |
| Total Water | 124,859 | 111,781 | 110,656 | 117,149 | 96,188 | 110,219 | 98,869 | 77,159 | 77,175 | 77,804 |
| Water Supply Fees (b) |  |  |  |  |  |  |  |  |  |  |
| Residential Class | 51,696 | 45,312 | 45,909 | 49,042 | 39,081 | 48,403 | 42,283 | 28,623 | 23,290 | 20,266 |
| General Class | 31,586 | 29,764 | 30,403 | 30,140 | 28,105 | 29,531 | 27,036 | 19,945 | 16,410 | 14,471 |
| Wholesale Class | 202 | 158 | 178 | 160 | 132 | 166 | 165 | 104 | 116 | 124 |
| Irrigation Class | 13,029 | 7,154 | 6,288 | 8,016 | 5,285 | 6,154 | 5,741 | 3,559 | 2,824 | 2,366 |
| Total Water Supply Fees | 96,513 | 82,388 | 82,778 | 87,358 | 72,603 | 84,254 | 75,225 | 52,231 | 42,640 | 37,227 |
| EAA Pass-through fees (c) |  |  |  |  |  |  |  |  |  |  |
| Residential Class | 4,767 | 5,423 | 3,605 | 5,893 | 3,561 | 4,925 | 4,818 | 3,304 | 3,247 | 2,682 |
| General Class | 2,930 | 3,648 | 2,387 | 3,622 | 2,560 | 3,005 | 3,080 | 2,303 | 2,288 | 1,915 |
| Wholesale Class | 18 | 19 | 14 | 19 | 12 | 17 | 19 | 12 | 16 | 16 |
| Irrigation Class | 540 | 765 | 494 | 963 | 481 | 626 | 654 | 411 | 394 | 313 |
| Total Pass-through fees | 8,255 | 9,855 | 6,500 | 10,497 | 6,614 | 8,573 | 8,571 | 6,030 | 5,945 | 4,926 |
| Conservation Fees: |  |  |  |  |  |  |  |  |  |  |
| Residential Class | 3,682 | 2,814 | 2,962 | 3,663 | 1,986 | 4,112 | 3,291 | 2,411 | 2,411 | 2,507 |
| General Class | 6,702 | 4,461 | 4,008 | 3,938 | 3,957 | 3,637 | 3,968 | 3,558 | 3,519 | 3,599 |
| Total Conservation | 10,384 | 7,275 | 6,970 | 7,601 | 5,943 | 7,749 | 7,259 | 5,969 | 5,930 | 6,106 |
| Wastewater Sales: |  |  |  |  |  |  |  |  |  |  |
| Residential Class | 88,702 | 79,118 | 81,202 | 75,752 | 72,212 | 72,901 | 63,605 | 55,763 | 48,649 | 48,877 |
| General Class | 48,271 | 41,768 | 41,343 | 40,034 | 38,554 | 38,325 | 37,342 | 31,622 | 28,410 | 30,540 |
| Wholesale Class | 6,105 | 5,044 | 5,225 | 5,281 | 6,469 | 6,704 | 6,435 | 5,695 | 4,693 | 4,752 |
| Surcharge | 4,815 | 4,861 | 4,648 | 4,614 | 4,409 | 4,271 | 4,081 | 4,019 | 4,075 | 3,526 |
| Total Wastewater | 147,893 | 130,791 | 132,418 | 125,681 | 121,644 | 122,201 | 111,463 | 97,099 | 85,827 | 87,695 |
| TCEQ Pass-through fees (d) |  |  |  |  |  |  |  |  |  |  |
| Water customers | 1,178 | 964 | - | - | - | - | - | - | - | - |
| Wastewater customers | 464 | 280 | - | - | - | - | - | - | - | - |
|  | 1,642 | 1,244 | - | - | - | - | - | - | - | - |
| Recycled Water Sales | 5,068 | 3,955 | 4,393 | 4,287 | 3,244 | 3,795 | 3,100 | 2,669 | 2,455 | 2,444 |
| Stormwater Fees | 4,158 | 3,745 | 3,358 | 3,037 | 3,056 | 3,056 | 2,938 | 2,746 | 2,400 | 2,133 |
| Chilled Water \& Steam | 11,715 | 12,337 | 12,714 | 12,758 | 13,101 | 13,243 | 13,371 | 12,028 | 12,193 | 10,857 |
| Miscellaneous Fees and Charges | 10,193 | 8,872 | 9,266 | 9,541 | 7,944 | 8,204 | 7,374 | 6,756 | 6,519 | 6,016 |
| Provision for Uncollectible Accounts | $(2,811)$ | $(3,463)$ | $(3,711)$ | $(3,288)$ | $(2,619)$ | $(2,638)$ | $(1,637)$ | $(1,415)$ | $(1,260)$ | (993) |
| Total Operating Revenue | \$417,869 | \$368,780 | \$365,342 | \$374,621 | \$327,718 | \$358,656 | \$326,533 | \$261,272 | \$239,824 | \$234,215 |

(a) Effective December 1, 2000, an irrigation rate class was approved for water service provided through separate irrigation meters.
(b) Effective December 1, 2000, a water supply fee was approved on all potable water service.
(c) EAA pass-through fees are designed to recoup fees charged by Edwards Aquifer Authority (EAA). The fee is charged based on water usage. Any previous over or under recovery of fees in considered in determining the fees to be charged each year.
(d) TCEQ pass-through fees are designed to recoup fees charged by the Texas Commission on Environmental Quality (TCEQ). Fee is a per customer charge.

San Antonio Water System
Schedule 6 - Sales in Gallons
(gallons billed, in millions)
Water Sales (a):
Residential Class
General Class
Wholesale Class
Irrigation Class
Total Water
Wastewater Sales:
Residential Class
General Class
Wholesale Class
Total Wastewater

| Fiscal Year |  |  |  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
|  |  |  |  |  |  |  |  |  |  |
|  | 34,153 | 28,932 | 30,667 | 33,025 | 26,651 | 33,162 | 30,917 | 27,054 | 27,624 |
| 20,986 | 19,465 | 20,309 | 20,297 | 19,166 | 20,232 | 19,769 | 18,851 | 19,464 | 20,227 |
| 128 | 101 | 119 | 108 | 90 | 114 | 121 | 98 | 137 | 173 |
| 3,866 | 4,080 | 4,200 | 5,398 | 3,604 | 4,216 | 4,198 | 3,364 | 3,350 | 3,295 |
| 59,133 | 52,578 | 55,295 | 58,828 | 49,511 | 57,724 | 55,005 | 49,367 | 50,575 | 51,850 |


| Conservation - Residential Class (b) | 4,106 | 2,935 | 3,469 | 3,948 | 2,432 | 4,276 | 3,613 | 2,634 | 2,636 | 2,742 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Recycled Water Sales | 18,990 | 14,968 | 16,321 | 16,559 | 14,148 | 14,836 | 14,048 | 13,626 | 13,643 | 13,762 |

(a) Water Supply and EAA fees are billed based on the gallons billed for water sales.
(b) Gallons billed for conservation are included in the gallons billed for water sales.

Schedule 7 - Number of Customer Connections
(average number billed)

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| Water Sales (a): |  |  |  |  |  |  |  |  |  |  |
| Residential Class | 335,280 | 331,853 | 327,610 | 323,754 | 318,270 | 308,807 | 298,271 | 289,458 | 282,016 | 276,340 |
| General Class | 23,369 | 23,225 | 23,242 | 23,104 | 22,943 | 22,662 | 22,384 | 22,092 | 21,894 | 21,869 |
| Wholesale Class | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 |
| Total Water | 358,656 | 355,085 | 350,859 | 346,865 | 341,220 | 331,476 | 320,661 | 311,556 | 303,917 | 298,216 |
| Irrigation Class (b) | 8,479 | 8,350 | 8,202 | 7,940 | 7,602 | 7,232 | 6,883 | 6,522 | 6,283 | 6,125 |
| Wastewater Sales: |  |  |  |  |  |  |  |  |  |  |
| Residential Class | 378,380 | 373,755 | 368,948 | 361,966 | 352,038 | 338,693 | 326,516 | 316,498 | 313,042 | 310,842 |
| General Class | 24,550 | 24,407 | 24,285 | 23,999 | 23,604 | 23,408 | 23,016 | 22,590 | 22,386 | 22,548 |
| Wholesale Class | 12 | 7 | 12 | 13 | 11 | 12 | 12 | 12 | 11 | 13 |
| Total Wastewater | 402,942 | 398,169 | 393,245 | 385,978 | 375,653 | 362,113 | 349,544 | 339,100 | 335,439 | 333,403 |
| Conservation - Residential Class (c) | 33,708 | 21,791 | 26,665 | 29,973 | 15,548 | 31,716 | 27,963 | 18,754 | 22,177 | 24,137 |
| Recycled Water Sales | 80 | 81 | 86 | 76 | 71 | 69 | 56 | 51 | 33 | 26 |

(a) Water Supply and EAA fees are billed to a water customers with water usage.
(b) Represents the number of customers included in Residential, General and Wholesale Classes which also have irrigation meters.
(c) The residential class rate applied to monthly residential usage in excess of 17,205 gallons is designated as Conservation Fees. These customers are included in the residential class for water sales.

San Antonio Water System
Schedule 8 - Residential Class Rates (Inside City Limits)

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 (c) | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| Water |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge by meter size: |  |  |  |  |  |  |  |  |  |  |
| 5/8" | \$6.91 | \$6.91 | \$6.77 | \$6.56 | \$6.56 | \$6.56 | \$6.11 | \$5.61 | \$5.61 | \$5.61 |
| 3/4" | 9.68 | 9.68 | 8.59 | 8.32 | 8.32 | 8.32 | 7.75 | 7.12 | 6.85 | 6.85 |
| $1 "$ | 15.23 | 15.23 | 12.49 | 12.10 | 12.10 | 12.10 | 11.28 | 10.36 | 8.22 | 8.22 |
| 1-1/2" | 29.10 | 29.10 | 22.25 | 21.56 | 21.56 | 21.56 | 20.09 | 18.46 | 11.45 | 11.45 |
| 2 " | 45.73 | 45.73 | 33.95 | 32.90 | 32.90 | 32.90 | 30.66 | 28.18 | 16.68 | 16.68 |
| $3 "$ | 84.56 | 84.56 | 61.27 | 59.37 | 59.37 | 59.37 | 55.33 | 50.85 | 47.94 | 47.94 |
| $4 "$ | 140.02 | 140.02 | 100.30 | 97.19 | 97.19 | 97.19 | 90.58 | 83.25 | 64.75 | 64.75 |
| $6 "$ | 278.69 | 278.69 | 197.89 | 191.75 | 191.75 | 191.75 | 178.70 | 164.24 | 117.90 | 117.90 |
| 8" | 445.09 | 445.09 | 314.96 | 305.19 | 305.19 | 305.19 | 284.43 | 261.42 | 167.34 | 167.34 |
| $10 "$ | 639.22 | 639.22 | 451.57 | 437.57 | 437.57 | 437.57 | 407.80 | 374.81 | 251.76 | 251.76 |
| 12 " | 1,193.88 | 1,193.88 | 841.86 | 815.76 | 815.76 | 815.76 | 760.26 | 698.76 | 554.30 | 554.30 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Standard: |  |  |  |  |  |  |  |  |  |  |
| First 7,481 gallons |  |  | 0.0906 | 0.0878 | 0.0878 | 0.0878 | 0.0818 | 0.0751 | 0.0722 | 0.0722 |
| Next 5,236 gallons |  |  | 0.1309 | 0.1268 | 0.1268 | 0.1268 | 0.1182 | 0.1086 | 0.1038 | 0.1038 |
| Next 4,488 gallons |  |  | 0.2058 | 0.1994 | 0.1994 | 0.1994 | 0.1858 | 0.1707 | 0.1288 | 0.1288 |
| Over 17,205 gallons (a) |  |  | 0.3288 | 0.3186 | 0.3186 | 0.3186 | 0.2969 | 0.2728 | 0.2703 | 0.2703 |
| Seasonal (b): |  |  |  |  |  |  |  |  |  |  |
| First 7,481 gallons |  |  | 0.0906 | 0.0878 | 0.0878 | 0.0878 | 0.0818 | 0.0751 | 0.0722 | 0.0722 |
| Next 5,236 gallons |  |  | 0.1423 | 0.1379 | 0.1379 | 0.1379 | 0.1285 | 0.1181 | 0.1128 | 0.1128 |
| Next 4,488 gallons |  |  | 0.2217 | 0.2148 | 0.2148 | 0.2148 | 0.2002 | 0.1840 | 0.1388 | 0.1388 |
| Over 17,205 gallons (a) |  |  | 0.4246 | 0.4114 | 0.4114 | 0.4114 | 0.3834 | 0.3523 | 0.3490 | 0.3490 |
| Standard: |  |  |  |  |  |  |  |  |  |  |
| First 5,985 gallons | 0.0917 | 0.0917 |  |  |  |  |  |  |  |  |
| Next 6,732 gallons | 0.1327 | 0.1327 |  |  |  |  |  |  |  |  |
| Next 4,488 gallons | 0.1871 | 0.1871 |  |  |  |  |  |  |  |  |
| Over 17,205 gallons (a) | 0.3277 | 0.3277 |  |  |  |  |  |  |  |  |
| Seasonal (d): |  |  |  |  |  |  |  |  |  |  |
| First 5,985 gallons | 0.0917 | 0.0917 |  |  |  |  |  |  |  |  |
| Next 6,732 gallons | 0.1443 | 0.1443 |  |  |  |  |  |  |  |  |
| Next 4,488 gallons | 0.2146 | 0.2146 |  |  |  |  |  |  |  |  |
| Over 17,205 gallons (a) | 0.4446 | 0.4446 |  |  |  |  |  |  |  |  |
| Sewer (e) |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge (f) | 8.68 | 8.68 | 7.76 | 7.37 | 7.37 | 7.37 | 7.33 | 6.60 | 5.70 | 5.70 |
| Usage (per 100 gallons) | 0.2302 | 0.2302 | 0.2057 | 0.1953 | 0.1953 | 0.1953 | 0.1943 | 0.1750 | 0.1526 | 0.1526 |

(a) Includes $\$ .09$ per 100 gallons billed as conservation fees.
(b) Rate was applied to all billings beginning July 1 and ending on or about October 31 of each year. At all other times the Standard rate was utilized.
(c) Applies to water billed after November 2010.
(d) Rate is applied to all billings beginning May 1 and ending on or about September 30 of each year. At all other times the Standard rate is utilized.
(e) Residential sewer charges are computed on the basis of average winter usage for 90 days during three consecutive billings periods beginning after November 15 and ending on or before March 15 of each year.
(f) Includes the first 1,496 gallons. 2010 Rate applies to wastewater services billed in December 2010. 2009 rate applies to waterwater services for January 2010 through November 2010.

San Antonio Water System
Schedule 9 - Residential Class Rates (Outside City Limits)

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 (c) | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| Water |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge by meter size: |  |  |  |  |  |  |  |  |  |  |
| 5/8" | 8.98 | 8.98 | 8.78 | 8.51 | 8.51 | 8.51 | 7.93 | 7.28 | 7.28 | 7.28 |
| 3/4" | 12.59 | 12.59 | 11.16 | 10.81 | 10.81 | 10.81 | 10.07 | 9.25 | 8.92 | 8.92 |
| $1{ }^{\prime \prime}$ | 19.80 | 19.80 | 16.23 | 15.73 | 15.73 | 15.73 | 14.66 | 13.47 | 10.68 | 10.68 |
| 1-1/2" | 37.83 | 37.83 | 28.92 | 28.02 | 28.02 | 28.02 | 26.11 | 23.99 | 14.89 | 14.89 |
| 2 " | 59.46 | 59.46 | 44.14 | 42.77 | 42.77 | 42.77 | 39.86 | 36.63 | 21.70 | 21.70 |
| $3 "$ | 109.94 | 109.94 | 79.65 | 77.18 | 77.18 | 77.18 | 71.93 | 66.11 | 62.31 | 62.31 |
| $4 "$ | 182.04 | 182.04 | 130.39 | 126.35 | 126.35 | 126.35 | 117.75 | 108.22 | 84.16 | 84.16 |
| $6 "$ | 362.30 | 362.30 | 257.24 | 249.26 | 249.26 | 249.26 | 232.30 | 213.51 | 153.27 | 153.27 |
| $8{ }^{\prime \prime}$ | 578.63 | 578.63 | 409.45 | 396.75 | 396.75 | 396.75 | 369.76 | 339.85 | 217.54 | 217.54 |
| 10 " | 830.99 | 830.99 | 587.03 | 568.83 | 568.83 | 568.83 | 530.13 | 487.25 | 327.29 | 327.29 |
| 12 " | 1,552.05 | 1,552.05 | 1,094.42 | 1,060.48 | 1,060.48 | 1,060.48 | 988.33 | 908.39 | 720.59 | 720.59 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Standard: |  |  |  |  |  |  |  |  |  |  |
| First 7,481 gallons |  |  | 0.1176 | 0.1140 | 0.1140 | 0.1140 | 0.1062 | 0.0976 | 0.0940 | 0.0940 |
| Next 5,236 gallons |  |  | 0.1702 | 0.1649 | 0.1649 | 0.1649 | 0.1537 | 0.1412 | 0.1350 | 0.1350 |
| Next 4,488 gallons |  |  | 0.2674 | 0.2591 | 0.2591 | 0.2591 | 0.2415 | 0.2219 | 0.1673 | 0.1673 |
| Over 17,205 gallons (a) |  |  | 0.4274 | 0.4141 | 0.4141 | 0.4141 | 0.3859 | 0.3546 | 0.3463 | 0.3463 |
| Seasonal (b): |  |  |  |  |  |  |  |  |  |  |
| First 7,481 gallons |  |  | 0.1176 | 0.1140 | 0.1140 | 0.1140 | 0.1062 | 0.0976 | 0.0940 | 0.0940 |
| Next 5,236 gallons |  |  | 0.1850 | 0.1793 | 0.1793 | 0.1793 | 0.1671 | 0.1535 | 0.1466 | 0.1466 |
| Next 4,488 gallons |  |  | 0.2882 | 0.2793 | 0.2793 | 0.2793 | 0.2603 | 0.2392 | 0.1840 | 0.1840 |
| Over 17,205 gallons (a) |  |  | 0.5519 | 0.5348 | 0.5348 | 0.5348 | 0.4984 | 0.4580 | 0.4487 | 0.4487 |
| Standard: |  |  |  |  |  |  |  |  |  |  |
| First 5,985 gallons | 0.1193 | 0.1193 |  |  |  |  |  |  |  |  |
| Next 6,732 gallons | 0.1725 | 0.1725 |  |  |  |  |  |  |  |  |
| Next 4,488 gallons | 0.2433 | 0.2433 |  |  |  |  |  |  |  |  |
| Over 17,205 gallons (a) | 0.4260 | 0.4260 |  |  |  |  |  |  |  |  |
| Seasonal (d): |  |  |  |  |  |  |  |  |  |  |
| First 5,985 gallons | 0.1193 | 0.1193 |  |  |  |  |  |  |  |  |
| Next 6,732 gallons | 0.1876 | 0.1876 |  |  |  |  |  |  |  |  |
| Next 4,488 gallons | 0.2790 | 0.2790 |  |  |  |  |  |  |  |  |
| Over 17,205 gallons (a) | 0.5779 | 0.5779 |  |  |  |  |  |  |  |  |
| Sewer (e) |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge (f) | 10.43 | 10.43 | 9.32 | 8.85 | 8.85 | 8.85 | 8.80 | 7.92 | 6.84 | 6.84 |
| Usage (per 100 gallons) | 0.2762 | 0.2762 | 0.2468 | 0.2343 | 0.2343 | 0.2343 | 0.2331 | 0.2100 | 0.1831 | 0.1831 |

(a) Includes $\$ .09$ per 100 gallons billed as conservation fees.
(b) Rate was applied to all billings beginning July 1 and ending on or about October 31 of each year. At all other times the Standard rate was utilized.
(c) Applies to water billed after November 2010.
(d) Rate is applied to all billings beginning May 1 and ending on or about September 30 of each year. At all other times the Standard rate is utilized.
(e) Residential sewer charges are computed on the basis of average winter usage for 90 days during three consecutive billings periods beginning after November 15 and ending on or before March 15 of each year.
(f) Includes the first 1,496 gallons. 2010 Rate applies to wastewater services billed in December 2010. 2009 rate applies to waterwater services for January 2010 through November 2010.

San Antonio Water System
Schedule 10 - General Class Rates

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| Water - Inside City Limits |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge by meter size (a): |  |  |  |  |  |  |  |  |  |  |
| 5/8" | \$9.59 | \$9.59 | \$9.81 | \$9.51 | \$9.51 | \$9.51 | \$8.86 | \$8.14 | \$8.74 | \$8.74 |
| $3 / 4 "$ | 13.71 | 13.71 | 13.16 | 12.75 | 12.75 | 12.75 | 11.88 | 10.91 | 11.37 | 11.37 |
| $1{ }^{\prime \prime}$ | 21.93 | 21.93 | 19.21 | 18.61 | 18.61 | 18.61 | 17.34 | 15.93 | 14.81 | 14.81 |
| 1-1/2" | 42.50 | 42.50 | 35.03 | 33.94 | 33.94 | 33.94 | 31.63 | 29.07 | 23.55 | 23.55 |
| 2 " | 67.20 | 67.20 | 52.83 | 51.19 | 51.19 | 51.19 | 47.71 | 46.85 | 34.44 | 34.44 |
| $3 "$ | 124.80 | 124.80 | 106.92 | 103.60 | 103.60 | 103.60 | 96.55 | 88.74 | 91.60 | 91.60 |
| $4 "$ | 207.09 | 207.09 | 176.40 | 170.93 | 170.93 | 170.93 | 159.30 | 146.41 | 136.14 | 136.14 |
| $6 "$ | 412.82 | 412.82 | 350.03 | 339.18 | 339.18 | 339.18 | 316.10 | 290.53 | 259.71 | 259.71 |
| $8 "$ | 659.69 | 659.69 | 543.20 | 526.36 | 526.36 | 526.36 | 490.55 | 450.87 | 391.47 | 391.47 |
| $10^{\prime \prime}$ | 947.71 | 947.71 | 755.89 | 732.45 | 732.45 | 732.45 | 682.62 | 627.40 | 536.79 | 536.79 |
| 12 " | 1,770.63 | 1,770.63 | 1,191.85 | 1,154.89 | 1,154.89 | 1,154.89 | 1,076.32 | 989.26 | 662.31 | 662.31 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Below base (b) |  |  | 0.1086 | 0.1052 | 0.1052 | 0.1052 | 0.0980 | 0.0900 | 0.0900 | 0.0900 |
| 100-125\% of base |  |  | 0.1257 | 0.1218 | 0.1218 | 0.1218 | 0.1135 | 0.1043 | 0.0975 | 0.0975 |
| 125-150\% of base |  |  | 0.1633 | 0.1582 | 0.1582 | 0.1582 | 0.1474 | 0.1354 | 0.1050 | 0.1050 |
| 150-200\% of base |  |  | 0.2138 | 0.2072 | 0.2072 | 0.2072 | 0.1931 | 0.1774 | 0.1150 | 0.1150 |
| Over 200\% of base |  |  | 0.3160 | 0.3062 | 0.3062 | 0.3062 | 0.2854 | 0.2623 | 0.2590 | 0.2590 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Base (d) | 0.1110 | 0.1110 |  |  |  |  |  |  |  |  |
| 100-125\% of base | 0.1327 | 0.1327 |  |  |  |  |  |  |  |  |
| 125-175\% of base | 0.1861 | 0.1861 |  |  |  |  |  |  |  |  |
| Over $175 \%$ of base | 0.2725 | 0.2725 |  |  |  |  |  |  |  |  |
| Water - Outside City Limits |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge by meter size (a): |  |  |  |  |  |  |  |  |  |  |
| 5/8" | 12.47 | 12.47 | 11.83 | 11.46 | 11.46 | 11.46 | 10.68 | 9.81 | 10.57 | 10.57 |
| $3 / 4 "$ | 17.82 | 17.82 | 15.72 | 15.23 | 15.23 | 15.23 | 14.19 | 13.04 | 13.60 | 13.60 |
| $1 "$ | 28.51 | 28.51 | 22.94 | 22.23 | 22.23 | 22.23 | 20.72 | 19.04 | 17.53 | 17.53 |
| 1-1/2" | 55.26 | 55.26 | 41.69 | 40.40 | 40.40 | 40.40 | 37.65 | 34.60 | 27.43 | 27.43 |
| 2 " | 87.36 | 87.36 | 63.01 | 61.06 | 61.06 | 61.06 | 56.71 | 52.30 | 39.92 | 39.92 |
| $3 "$ | 162.24 | 162.24 | 125.31 | 121.42 | 121.42 | 121.42 | 113.16 | 104.00 | 107.34 | 107.34 |
| $4 "$ | 269.22 | 269.22 | 206.48 | 200.08 | 200.08 | 200.08 | 186.47 | 171.38 | 157.40 | 157.40 |
| $6 "$ | 536.66 | 536.66 | 409.39 | 396.70 | 396.70 | 396.70 | 369.71 | 339.80 | 298.12 | 298.12 |
| $8{ }^{\prime \prime}$ | 857.60 | 857.60 | 637.69 | 617.92 | 617.92 | 617.92 | 575.88 | 529.30 | 450.40 | 450.40 |
| $10^{\prime \prime}$ | 1,232.03 | 1,232.03 | 891.35 | 863.71 | 863.71 | 863.71 | 804.95 | 739.84 | 619.47 | 619.47 |
| 12 " | 2,301.82 | 2,301.82 | 1,444.41 | 1,399.62 | 1,399.62 | 1,399.62 | 1,304.40 | 1,198.89 | 770.88 | 770.88 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Below base (b) |  |  | 0.1410 | 0.1366 | 0.1366 | 0.1366 | 0.1273 | 0.1170 | 0.1170 | 0.1170 |
| 100-125\% of base |  |  | 0.1635 | 0.1584 | 0.1584 | 0.1584 | 0.1476 | 0.1356 | 0.1268 | 0.1268 |
| 125-150\% of base |  |  | 0.2121 | 0.2055 | 0.2055 | 0.2055 | 0.1915 | 0.1760 | 0.1365 | 0.1365 |
| 150-200\% of base |  |  | 0.2778 | 0.2692 | 0.2692 | 0.2692 | 0.2509 | 0.2306 | 0.1495 | 0.1495 |
| Over $200 \%$ of base |  |  | 0.4109 | 0.3982 | 0.3982 | 0.3982 | 0.3711 | 0.3410 | 0.3367 | 0.3367 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Base (d) | 0.1443 | 0.1443 |  |  |  |  |  |  |  |  |
| 100-125\% of base | 0.1724 | 0.1724 |  |  |  |  |  |  |  |  |
| 125-175\% of base | 0.2419 | 0.2419 |  |  |  |  |  |  |  |  |
| Over $175 \%$ of base | 0.3542 | 0.3542 |  |  |  |  |  |  |  |  |
| Sewer - Inside City Limits |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge (e) | 8.68 | 8.68 | 7.76 | 7.37 | 7.37 | 7.37 | 7.33 | 6.60 | 6.40 | 6.40 |
| Usage (per 100 gallons) | 0.2302 | 0.2302 | 0.2057 | 0.1953 | 0.1953 | 0.1953 | 0.1943 | 0.1750 | 0.1489 | 0.1489 |
| Sewer - Outside City Limits |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge (e) | 10.43 | 10.43 | 9.32 | 8.85 | 8.85 | 8.85 | 8.80 | 7.92 | 7.68 | 7.68 |
| Usage (per 100 gallons) | 0.2762 | 0.2762 | 0.2468 | 0.2343 | 0.2343 | 0.2343 | 0.2331 | 0.2100 | 0.1787 | 0.1787 |

(a) A portion of the meter charge is billed as conservation fees.
(b) Base is defined as $90 \%$ of the previous average annual usage. Effective for water billed through November 2010.
(c) Effective for water billed beginning December 2010.
(d) Base is defined as $100 \%$ of the previous average annual usage.
(e) Includes the first 1,496 gallons. 2010 Rate applies to wastewater services billed in December 2010. 2009 rate applies to waterwater services for January 2010 through November 2010.

San Antonio Water System
Schedule 11 - Wholesale Class Rates


Usage (per 100 gallons)

| Base (b) | 0.0770 | 0.0770 |
| :--- | :--- | :--- |
| $100-125 \%$ of base | 0.1157 | 0.1157 |
| $125-175 \%$ of base | 0.1670 | 0.1670 |
| Over $175 \%$ of base | 0.2362 | 0.2362 |

Water - Outside City Limits

| Service Availability Charge by meter size: |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $6{ }^{\prime \prime}$ | 362.30 | 362.30 | 257.24 | 249.26 | 249.26 | 249.26 | 232.30 | 213.51 | 321.88 | 321.88 |
| $8{ }^{\prime \prime}$ | 578.63 | 578.63 | 409.45 | 396.75 | 396.75 | 396.75 | 369.76 | 339.85 | 482.82 | 482.82 |
| 10 " | 830.99 | 830.99 | 587.03 | 568.83 | 568.83 | 568.83 | 530.13 | 487.25 | 643.77 | 643.77 |
| 12 " | 1,552.05 | 1,552.05 | 1,094.42 | 1,060.48 | 1,060.48 | 1,060.48 | 988.33 | 908.39 | 917.34 | 917.34 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Below base (a) |  |  | 0.1025 | 0.0993 | 0.0993 | 0.0993 | 0.0925 | 0.0850 | 0.0800 | 0.0800 |
| 100-125\% of base |  |  | 0.1279 | 0.1239 | 0.1239 | 0.1239 | 0.1155 | 0.1061 | 0.0923 | 0.0923 |
| 125-150\% of base |  |  | 0.1760 | 0.1705 | 0.1705 | 0.1705 | 0.1589 | 0.1460 | 0.1000 | 0.1000 |
| 150-200\% of base |  |  | 0.2346 | 0.2273 | 0.2273 | 0.2273 | 0.2118 | 0.1946 | 0.1077 | 0.1077 |
| Over 200\% of base |  |  | 0.3075 | 0.2980 | 0.2980 | 0.2980 | 0.2777 | 0.2552 | 0.1154 | 0.1154 |


| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Base (b) | 0.1001 | 0.1001 |  |  |  |  |  |  |  |  |
| 100-125\% of base | 0.1504 | 0.1504 |  |  |  |  |  |  |  |  |
| 125-175\% of base | 0.2171 | 0.2171 |  |  |  |  |  |  |  |  |
| Over 175\% of base | 0.3070 | 0.3070 |  |  |  |  |  |  |  |  |
| Sewer - Inside City Limits |  |  |  |  |  |  |  |  |  |  |
| Usage (per 100 gallons) | 0.2075 | 0.2075 | 0.1854 | 0.1760 | 0.1760 | 0.1760 | 0.1751 | 0.1577 | 0.1362 | 0.1362 |
| Sewer - Outside City Limits |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge | 101.95 | 101.95 | 91.11 | 86.50 | 86.50 | 86.50 | 86.07 | 77.54 | 67.00 | 67.00 |
| Usage (per 100 gallons) | 0.2491 | 0.2491 | 0.2226 | 0.2113 | 0.2113 | 0.2113 | 0.2102 | 0.1893 | 0.1467 | 0.1467 |

(a) Base is defined as $90 \%$ of the previous average annual usage. Effective for water billed through November 2010.
(b) Base is defined as $100 \%$ of the previous average annual usage.
(c) Effective for water billed beginning December 2010.

San Antonio Water System
Schedule 12 - Irrigation Class Rates

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 (c) | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| Inside City Limits |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge by meter size (a): |  |  |  |  |  |  |  |  |  |  |
| 5/8" | \$9.59 | \$9.59 | \$9.81 | \$9.51 | \$9.51 | \$9.51 | \$8.86 | \$8.14 | \$8.74 | \$8.74 |
| 3/4" | 13.71 | 13.71 | 13.16 | 12.75 | 12.75 | 12.75 | 11.88 | 10.91 | 11.37 | 11.37 |
| $1{ }^{\prime \prime}$ | 21.93 | 21.93 | 19.21 | 18.61 | 18.61 | 18.61 | 17.34 | 15.93 | 14.81 | 14.81 |
| 1-1/2" | 42.50 | 42.50 | 35.03 | 33.94 | 33.94 | 33.94 | 31.63 | 29.07 | 23.55 | 23.55 |
| $2{ }^{\prime \prime}$ | 67.20 | 67.20 | 52.83 | 51.19 | 51.19 | 51.19 | 47.71 | 43.85 | 34.44 | 34.44 |
| $3 "$ | 124.80 | 124.80 | 106.92 | 103.60 | 103.60 | 103.60 | 96.55 | 88.74 | 91.60 | 91.60 |
| $4 "$ | 207.09 | 207.09 | 176.40 | 170.93 | 170.93 | 170.93 | 159.30 | 146.41 | 136.14 | 136.14 |
| $6{ }^{\prime \prime}$ | 412.82 | 412.82 | 350.03 | 339.18 | 339.18 | 339.18 | 316.10 | 290.53 | 259.71 | 259.71 |
| $8{ }^{\prime \prime}$ | 659.69 | 659.69 | 543.20 | 526.36 | 526.36 | 526.36 | 490.55 | 450.87 | 391.47 | 391.47 |
| 10 " | 947.71 | 947.71 | 755.89 | 732.45 | 732.45 | 732.45 | 682.62 | 627.40 | 536.79 | 536.79 |
| 12 " | 1,770.63 | 1,770.63 | 1,191.85 | 1,154.89 | 1,154.89 | 1,154.89 | 1,076.32 | 989.26 | 662.31 | 662.31 |
| Usage (per 100 gallons) (b) |  |  |  |  |  |  |  |  |  |  |
| First 12,717 gallons |  |  | 0.1526 | 0.1479 | 0.1479 | 0.1479 | 0.1378 | 0.1266 | 0.1200 | 0.1200 |
| Next 4,488 gallons |  |  | 0.2290 | 0.2219 | 0.2219 | 0.2219 | 0.2068 | 0.1900 | 0.1900 | 0.1900 |
| Over 17,205 gallons |  |  | 0.3160 | 0.3062 | 0.3062 | 0.3062 | 0.2854 | 0.2623 | 0.2590 | 0.2590 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Standard: |  |  |  |  |  |  |  |  |  |  |
| Zero gallons | - | - |  |  |  |  |  |  |  |  |
| Next 6,732 gallons | 0.1560 | 0.1560 |  |  |  |  |  |  |  |  |
| Next 10,473 gallons | 0.1871 | 0.1871 |  |  |  |  |  |  |  |  |
| Over 17,205 gallons (e) | 0.3277 | 0.3277 |  |  |  |  |  |  |  |  |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Seasonal (d): |  |  |  |  |  |  |  |  |  |  |
| Zero gallons | - | - |  |  |  |  |  |  |  |  |
| Next 6,732 gallons | 0.1560 | 0.1560 |  |  |  |  |  |  |  |  |
| Next 10,473 gallons | 0.2172 | 0.2172 |  |  |  |  |  |  |  |  |
| Over 17,205 gallons (e) | 0.4497 | 0.4497 |  |  |  |  |  |  |  |  |
| Outside City Limits |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge by meter size (a): |  |  |  |  |  |  |  |  |  |  |
| 5/8" | 12.47 | 12.47 | 11.83 | 11.46 | 11.46 | 11.46 | 10.68 | 9.81 | 10.57 | 10.57 |
| $3 / 4 "$ | 17.82 | 17.82 | 15.72 | 15.23 | 15.23 | 15.23 | 14.19 | 13.04 | 13.60 | 13.60 |
| $1{ }^{\prime \prime}$ | 28.51 | 28.51 | 22.94 | 22.23 | 22.23 | 22.23 | 20.72 | 19.04 | 17.53 | 17.53 |
| 1-1/2" | 55.26 | 55.26 | 41.69 | 40.40 | 40.40 | 40.40 | 37.65 | 34.60 | 27.43 | 27.43 |
| $2{ }^{\prime \prime}$ | 87.36 | 87.36 | 63.01 | 61.06 | 61.06 | 61.06 | 56.91 | 52.30 | 39.92 | 39.92 |
| $3 "$ | 162.24 | 162.24 | 125.31 | 121.42 | 121.42 | 121.42 | 113.16 | 104.00 | 107.34 | 107.34 |
| $4 "$ | 269.22 | 269.22 | 206.48 | 200.08 | 200.08 | 200.08 | 186.47 | 171.38 | 157.40 | 157.40 |
| $6 "$ | 536.66 | 536.66 | 409.39 | 396.70 | 396.70 | 396.70 | 369.71 | 339.80 | 298.12 | 298.12 |
| $8{ }^{\prime \prime}$ | 857.60 | 857.60 | 637.69 | 617.92 | 617.92 | 617.92 | 575.88 | 529.30 | 450.40 | 450.40 |
| $10 "$ | 1,232.03 | 1,232.03 | 891.35 | 863.71 | 863.71 | 863.71 | 804.95 | 739.84 | 619.47 | 619.47 |
| 12" | 2,301.82 | 2,301.82 | 1,444.41 | 1,399.62 | 1,399.62 | 1,399.62 | 1,304.40 | 1,198.89 | 770.88 | 770.88 |
| Usage (per 100 gallons) (b) |  |  |  |  |  |  |  |  |  |  |
| First 12,717 gallons |  |  | 0.1982 | 0.1921 | 0.1921 | 0.1921 | 0.1790 | 0.1645 | 0.1560 | 0.1560 |
| Next 4,488 gallons |  |  | 0.2976 | 0.2884 | 0.2884 | 0.2884 | 0.2688 | 0.2470 | 0.2470 | 0.2470 |
| Over 17,205 gallons |  |  | 0.4109 | 0.3982 | 0.3982 | 0.3982 | 0.3711 | 0.3410 | 0.3400 | 0.3400 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Standard: |  |  |  |  |  |  |  |  |  |  |
| Zero gallons | - | - |  |  |  |  |  |  |  |  |
| Next 6,732 gallons | 0.2028 | 0.2028 |  |  |  |  |  |  |  |  |
| Next 10,473 gallons | 0.2432 | 0.2432 |  |  |  |  |  |  |  |  |
| Over 17,205 gallons (e) | 0.4260 | 0.4260 |  |  |  |  |  |  |  |  |

Usage (per 100 gallons)
Seasonal (d):

| Seasonal (d): | - | - |
| :--- | :---: | :---: |
| Zero gallons | 0.2028 | 0.2028 |
| Next 6,732 gallons | 0.2824 | 0.2824 |
| Next 10,473 gallons | 0.5846 | 0.5846 |

(a) A portion of the meter charge is billed as conservation fees.
(b) Rate applies to water billed through November 2010.
(c) Rate applies to water billed after November 2010.
(d) Seasonal rate is applied to all billings beginning May 1 and ending on or about September 30 of each year. At all other time the Standard rate is applied.
(e) Includes $\$ .09$ per 100 gallons billed as conservation fees.

San Antonio Water System
Schedule 13-Other Fees

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| Water Supply Fee (a): |  |  |  |  |  |  |  |  |  |  |
| Residential Class |  |  | \$0.1529 | \$0.1487 | \$0.1487 | \$0.1487 | \$0.1378 | \$0.1100 | \$0.0844 | \$0.0708 |
| First 5,985 gallons | \$0.1023 | \$0.1023 |  |  |  |  |  |  |  |  |
| Next 6,732 gallons | \$0.1480 | \$0.1480 |  |  |  |  |  |  |  |  |
| Next 4,488 gallons | \$0.2087 | \$0.2087 |  |  |  |  |  |  |  |  |
| Over 17,205 gallons | \$0.3653 | \$0.3653 |  |  |  |  |  |  |  |  |
| General Class | \$0.1573 | \$0.1573 | \$0.1529 | \$0.1487 | \$0.1487 | \$0.1487 | \$0.1378 | \$0.1100 | \$0.0844 | \$0.0708 |
| Wholesale Class | \$0.1573 | \$0.1573 | \$0.1529 | \$0.1487 | \$0.1487 | \$0.1487 | \$0.1378 | \$0.1100 | \$0.0844 | \$0.0708 |
| Irrigation Class |  |  | \$0.1529 | \$0.1487 | \$0.1487 | \$0.1487 | \$0.1378 | \$0.1100 | \$0.0844 | \$0.0708 |
| First 6,732 gallons | \$0.1573 | \$0.1573 |  |  |  |  |  |  |  |  |
| Next 10,473 gallons | \$0.2087 | \$0.2087 |  |  |  |  |  |  |  |  |
| Over 17,205 gallons | \$0.3962 | \$0.3962 |  |  |  |  |  |  |  |  |
| EAA Fee (b) | \$0.01407 | \$0.01841 | \$0.01222 | \$0.01769 | \$0.01352 | \$0.01482 | \$0.01549 | \$0.01226 | \$0.01167 | \$0.00946 |
| State-Imposed TCEQ Fees (c) |  |  |  |  |  |  |  |  |  |  |
| Water Connection Fee | \$0.19 | \$0.19 | - | - | - | - | - | - | - | - |
| Wastewater Connection Fee | \$0.05 | \$0.05 | - | - | - | - | - | - | - | - |

(a) Per 100 gallons. 2010 rate applies to water usage billed in December 2010. 2009 rate applies to water usage billed for January 2010 through November 2010.
(b) Per 100 gallons. Applies to all billed water. Purpose of fee is to recover fees paid to Edwards Aquifer Authority for permitted water rights. Annual rate takes into account any cumulative deficit or surplus in the recovery, number of EAA water rights, and projected water sales (in gallons) for the year.
(c) Purpose is to recover fees paid to Texas Commission on Environmental Quality (TCEQ). Each fee is assessed monthly to all Residential, General, and Wholesale accounts as well as each apartment account based on the number of units. Annual rate takes into account any cumulative deficit or surplus in the recovery.

Schedule 14 - Recycled Water Rates

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| Edwards Exchange Customers (a) |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge by meter size: |  |  |  |  |  |  |  |  |  |  |
| 5/8" | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 |
| 3/4" | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 |
| $1{ }^{\prime \prime}$ | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 |
| 1-1/2" | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 |
| 2 " | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 |
| $3 "$ | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 |
| $4 "$ | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 |
| $6 "$ | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 |
| 8" | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 |
| $10 "$ | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 |
| 12 " | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Standard: |  |  |  |  |  |  |  |  |  |  |
| Transferred amount | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 |
| In excess of transferred amount | 0.0863 | 0.0863 | 0.0863 | 0.0863 | 0.0863 | 0.0863 | 0.0863 | 0.0863 | 0.0863 | 0.0863 |
| Seasonal (b): |  |  |  |  |  |  |  |  |  |  |
| Transferred amount | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 | 0.0230 |
| In excess of transferred amount | 0.0917 | 0.0917 | 0.0917 | 0.0917 | 0.0917 | 0.0917 | 0.0917 | 0.0917 | 0.0917 | 0.0917 |
| Non-exchange Customers |  |  |  |  |  |  |  |  |  |  |
| Service Availability Charge by meter size: |  |  |  |  |  |  |  |  |  |  |
| 5/8" | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 | \$8.74 |
| 3/4" | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 | 11.37 |
| $1{ }^{\prime \prime}$ | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 | 14.81 |
| 1-1/2" | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 | 23.55 |
| 2 " | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 | 34.44 |
| $3 "$ | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 | 91.60 |
| $4 "$ | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 | 136.14 |
| $6 "$ | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 | 259.71 |
| $8{ }^{\prime \prime}$ | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 | 391.47 |
| 10 " | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 | 536.79 |
| 12 " | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 | 662.31 |
| Usage (per 100 gallons) |  |  |  |  |  |  |  |  |  |  |
| Standard: |  |  |  |  |  |  |  |  |  |  |
| First 748,000 gallons | 0.0924 | 0.0924 | 0.0924 | 0.0924 | 0.0924 | 0.0924 | 0.0924 | 0.0924 | 0.0924 | 0.0924 |
| Over 748,000 gallons | 0.0943 | 0.0943 | 0.0943 | 0.0943 | 0.0943 | 0.0943 | 0.0943 | 0.0943 | 0.0943 | 0.0943 |
| Seasonal (b): |  |  |  |  |  |  |  |  |  |  |
| First 748,000 gallons | 0.0992 | 0.0992 | 0.0992 | 0.0992 | 0.0992 | 0.0992 | 0.0992 | 0.0992 | 0.0992 | 0.0992 |
| Over 748,000 gallons | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1002 | 0.1002 |

(a) Customers that have exchanged Edwards Aquifer water rights to the System.
(b) Rate is applied to all billings beginning July 1 and ending on or about October 31 of each year. At all other times the Standard rate is utilized.

San Antonio Water System
Schedule 15 - Impact Fees

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| Water |  |  |  |  |  |  |  |  |  |  |
| Flow - All Areas | \$1,247.00 | \$1,098.00 | \$1,098.00 | \$1,098.00 | \$1,098.00 | \$1,098.00 | \$362.00 | \$362.00 | \$362.00 | \$362.00 |
| System Development: |  |  |  |  |  |  |  |  |  |  |
| Low Elevation Service Area | 579.00 | 668.00 | 668.00 | 668.00 | 668.00 | 668.00 |  |  |  |  |
| Middle Elevation Service Area | 774.00 | 591.00 | 591.00 | 591.00 | 591.00 | 591.00 |  |  |  |  |
| High Elevation Service Area | 966.00 | 1,356.00 | 1,356.00 | 1,356.00 | 1,356.00 | 1,356.00 |  |  |  |  |
| Service Level: |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  | 125.00 | 125.00 | 125.00 | 125.00 |
| 3 |  |  |  |  |  |  | 107.00 | 107.00 | 107.00 | 107.00 |
| 4 |  |  |  |  |  |  | 172.00 | 172.00 | 172.00 | 172.00 |
| 5 |  |  |  |  |  |  | 104.00 | 104.00 | 104.00 | 104.00 |
| 5A |  |  |  |  |  |  | 100.00 | 100.00 | 100.00 | 100.00 |
| 6 |  |  |  |  |  |  | 149.00 | 149.00 | 149.00 | 149.00 |
| 7 |  |  |  |  |  |  | 249.00 | 249.00 | 249.00 | 249.00 |
| 8 |  |  |  |  |  |  | 411.00 | 411.00 | 411.00 | 411.00 |
| 9 |  |  |  |  |  |  | 490.00 | 490.00 | 490.00 | 490.00 |
| 10 |  |  |  |  |  |  | 428.00 | 428.00 | 428.00 | 428.00 |
| 11 |  |  |  |  |  |  | 569.00 | 569.00 | 569.00 | 569.00 |
| 11A |  |  |  |  |  |  | 945.00 | 945.00 | 945.00 | 945.00 |
| 11B |  |  |  |  |  |  | 1,094.00 | 1,094.00 | 1,094.00 | 1,094.00 |
| 11 E |  |  |  |  |  |  | 1,163.00 | 1,163.00 | 1,163.00 | 1,163.00 |
| 11F |  |  |  |  |  |  | 523.00 | 523.00 | 523.00 | 523.00 |
| 12 |  |  |  |  |  |  | 743.00 | 743.00 | 743.00 | 743.00 |
| 14 |  |  |  |  |  |  | 791.00 | 791.00 | 791.00 | 791.00 |
| Wastewater |  |  |  |  |  |  |  |  |  |  |
| Treatment: |  |  |  |  |  |  |  |  |  |  |
| Dos Rios/Leon Creek Service Area | 552.00 |  |  |  |  |  |  |  |  |  |
| Medio Creek | 1,379.00 |  |  |  |  |  |  |  |  |  |
| Upper and Lower Service Areas |  | 453.00 | 453.00 | 453.00 | 453.00 | 453.00 |  |  |  |  |
| Far West-Medio Service Areas |  | 901.00 | 901.00 | 901.00 | 901.00 | 901.00 |  |  |  |  |
| Inner Service Area |  |  |  |  |  |  | 142.00 | 142.00 | 142.00 | 142.00 |
| Outer Service Area |  |  |  |  |  |  | 750.00 | 750.00 | 750.00 | 750.00 |
| Far West - Medio Creek Service Area |  |  |  |  |  |  | 1,200.00 | 750.00 | 750.00 | 750.00 |
| Far West - Potranca Creek Service Area |  |  |  |  |  |  | 1,200.00 | 750.00 | 750.00 | 750.00 |
| Far West - Lucas Creek \& Big Sous Service Area |  |  |  |  |  |  | 1,200.00 | 750.00 | 750.00 | 750.00 |
| Collection: |  |  |  |  |  |  |  |  |  |  |
| Medio Creek | 582.00 |  |  |  |  |  |  |  |  |  |
| Upper Medina | 1,053.00 |  |  |  |  |  |  |  |  |  |
| Lower Medina | 594.00 |  |  |  |  |  |  |  |  |  |
| Upper Collection | 1,795.00 |  |  |  |  |  |  |  |  |  |
| Middle Collection | 1,142.00 |  |  |  |  |  |  |  |  |  |
| Lower Collection | 552.00 |  |  |  |  |  |  |  |  |  |
| Lower Service Area |  | 413.00 | 413.00 | 413.00 | 413.00 | 413.00 |  |  |  |  |
| Upper Service Area |  | 691.00 | 691.00 | 691.00 | 691.00 | 691.00 |  |  |  |  |
| Far West-Medio Service Areas |  | 394.00 | 394.00 | 394.00 | 394.00 | 394.00 |  |  |  |  |
| Far West-Potranco, Big Sous, \& Lucas Service Area |  | 772.00 | 772.00 | 772.00 | 772.00 | 772.00 |  |  |  |  |
| Inner Service Area |  |  |  |  |  |  | 366.00 | 366.00 | 366.00 | 366.00 |
| Outer Service Area |  |  |  |  |  |  | 366.00 | 366.00 | 366.00 | 366.00 |
| Far West - Medio Creek Service Area |  |  |  |  |  |  | 538.00 | 366.00 | 366.00 | 366.00 |
| Far West - Potranca Creek Service Area |  |  |  |  |  |  | 409.00 | 366.00 | 366.00 | 366.00 |
| Far West - Lucas Creek \& Big Sous Service Area |  |  |  |  |  |  | 366.00 | 366.00 | 366.00 | 366.00 |
| Lift Station: |  |  |  |  |  |  |  |  |  |  |
| Far West - Potranca Creek Service Area |  |  |  |  |  |  | 363.00 |  |  |  |
| Far West - Lucas Creek \& Big Sous Service Area |  |  |  |  |  |  | 363.00 |  |  |  |
| Water Supply - All Areas | 1,297.00 | 1,242.00 | 1,242.00 | 1,242.00 | 1,242.00 | 1,242.00 | 852.00 | 352.00 | 352.00 | 352.00 |

Impact fees are assessed per equivalent dwelling unit.

| Meter Size | EQUIVALENT DWELLING UNITS |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5/8" | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3/4" | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1 | 1 | 1 | 1 |
| $1{ }^{\prime \prime}$ | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1-1/2" | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 2 " | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| $3 "$ | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| $4 "$ | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| $6 "$ | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 |
| $8{ }^{\prime \prime}$ | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |
| 10 " | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 |
| 12 " | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 |

San Antonio Water System
Schedule 16 - Ten Largest Customers - Water
Current Year and Nine Years Ago

| Customer | Principal Business | Usage <br> (million gallons) | \% | Total Revenue (a) (in thousands) |  | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Year Ended December 31, 2011: |  |  |  |  |  |  |
| HEB GROCERY | Grocery | 551 | 0.93 | \$ | 2,483 | 1.03 |
| SAN ANTONO HOUSING AUTHORITY | Public Housing | 503 | 0.85 |  | 1,794 | 0.74 |
| BEXAR COUNTY | County Government | 462 | 0.78 |  | 1,615 | 0.67 |
| L \& H PACKING COMPANY | Beef Processor | 322 | 0.54 |  | 1,277 | 0.53 |
| CITY OF SAN ANTONIO | Municipal Entity | 339 | 0.57 |  | 1,132 | 0.47 |
| MAXIM INTEGRATED PRODUCT, INC. | Electronics | 282 | 0.48 |  | 920 | 0.38 |
| OAK FARMS DAIRY | Dairy Producer | 203 | 0.34 |  | 819 | 0.34 |
| FRITO LAY, INC. | Food Manufacturer | 172 | 0.29 |  | 774 | 0.32 |
| NORTHSIDE INDEPENDENT SCHOOL DISTRICT | School System | 242 | 0.41 |  | 716 | 0.30 |
| TOYOTA | Automobile Manufacturer | 116 | 0.20 |  | 689 | 0.29 |
| Subtotal (10 largest) |  | 3,192 | 5.40 |  | 12,219 | 5.07 |
| Balance from Other Customers |  | 55,941 | 94.60 |  | 228,970 | 94.93 |
| Total |  | 59,133 | 100.00 | \$ | 241,189 | 100.00 |

Fiscal Year Ended December 31, 2002:

| CITY OF SAN ANTONIO | Municipal Entity | 1,050 | 2.03 | \$ | 1,568 | 1.24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SAN ANTONIO HOUSING AUTHORITY | Public Housing | 544 | 1.05 |  | 639 | 0.51 |
| SONY SEMICONDUCTOR | Electronics | 419 | 0.81 |  | 386 | 0.31 |
| HEB GROCERY | Grocery | 312 | 0.60 |  | 345 | 0.27 |
| NORTHSIDE INDEPENDENT SCHOOL DISTRICT | School System | 202 | 0.39 |  | 329 | 0.26 |
| SAN ANTONIO INDEPENDENT SCHOOL DISTRICT | School System | 203 | 0.39 |  | 328 | 0.26 |
| PHILIPS SEMICONDUCTORS | Electronics | 301 | 0.58 |  | 284 | 0.23 |
| BROOKS AIR FORCE BASE | Military Installation | 202 | 0.39 |  | 280 | 0.22 |
| CPS ENERGY | Public Power Utility | 250 | 0.48 |  | 252 | 0.20 |
| TEXAS BEVERAGES, INC. | Retailer | 146 | 0.28 |  | 162 | 0.13 |
| Subtotal (10 largest) |  | 3,629 | 7.00 |  | 4,573 | 3.63 |
| Balance from Other Customers |  | 48,221 | 93.00 |  | 121,490 | 96.37 |
| Total |  | 51,850 | 100.00 | \$ | 126,063 | 100.00 |

(a) Includes Conservation, Water Supply and pass-through water fees.

San Antonio Water System
Schedule 17 - Ten Largest Customers - Wastewater
Current Year and Nine Years Ago

| Customer | Principal Business | Usage (million gallons) | \% | Total <br> Revenue (a) <br> (in thousands) |  | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fiscal Year Ended December 31, 2011: |  |  |  |  |  |  |
| HEB GROCERY | Grocery | 411 | 0.87 | \$ | 1,865 | 1.31 |
| SAN ANTONO HOUSING AUTHORITY | Public Housing | 500 | 1.05 |  | 1,160 | 0.82 |
| BEXAR COUNTY | County Government | 282 | 0.59 |  | 723 | 0.51 |
| L \& H PACKING COMPANY | Beef Processor | 166 | 0.35 |  | 676 | 0.48 |
| CITY OF SAN ANTONIO | Municipal Entity | 202 | 0.43 |  | 494 | 0.35 |
| MAXIM INTEGRATED PRODUCT, INC. | Electronics | 214 | 0.45 |  | 494 | 0.35 |
| OAK FARMS DAIRY | Dairy Producer | 54 | 0.11 |  | 474 | 0.33 |
| FRITO LAY, INC. | Food Manufacturer | 66 | 0.14 |  | 406 | 0.29 |
| NORTHSIDE INDEPENDENT SCHOOL DISTRICT | School System | 167 | 0.35 |  | 399 | 0.28 |
| TOYOTA | Automobile Manufacturer | 158 | 0.33 |  | 385 | 0.27 |
| Subtotal (10 largest) |  | 2,220 | 4.67 |  | 7,076 | 4.97 |
| Balance from Other Customers |  | 45,285 | 95.33 |  | 135,176 | 95.03 |
| Total |  | 47,505 | 100.00 | \$ | 142,252 | 100.00 |
| Fiscal Year Ended December 31, 2002: |  |  |  |  |  |  |
| SAN ANTONO HOUSING AUTHORITY | Public Housing | 544 | 1.12 | \$ | 813 | 0.98 |
| SONY SEMICONDUCTOR | Electronics | 377 | 0.77 |  | 561 | 0.68 |
| HEB GROCERY | Grocery | 191 | 0.39 |  | 440 | 0.53 |
| SAN ANTONIO INDEPENDENT SCHOOL DISTRICT | School System | 117 | 0.24 |  | 199 | 0.24 |
| AMERICAN OPPORTUNITY FOR HOUSING | Housing Services | 72 | 0.15 |  | 199 | 0.24 |
| MARRIOTT CORPORATION | Hotel | 70 | 0.14 |  | 189 | 0.23 |
| NORTHSIDE INDEPENDENT SCHOOL DISTRICT | School System | 78 | 0.16 |  | 175 | 0.21 |
| BEXAR COUNTY | County Government | 90 | 0.18 |  | 166 | 0.20 |
| LEVI STRAUSS | Clothing Manufacturer | 78 | 0.16 |  | 165 | 0.20 |
| BAPTIST MEMORIAL HOSPITAL | Hospital | 73 | 0.15 |  | 125 | 0.15 |
| Subtotal (10 largest) |  | 1,690 | 3.47 |  | 3,032 | 3.66 |
| Balance from Other Customers |  | 47,070 | 96.53 |  | 79,911 | 96.34 |
| Total |  | 48,760 | 100.00 | \$ | 82,943 | 100.00 |

Excludes Wholesale Wastewater usage and revenues.

San Antonio Water System<br>Schedule 18 - Ten Largest Customers - Wholesale Wastewater<br>Current Year and Nine Years Ago

| Customer | Principal Business | Total <br> Revenue <br> in thousands) |  | \% |
| :---: | :---: | :---: | :---: | :---: |
| Fiscal Year Ended December 31, 2011: |  |  |  |  |
| Ft. Sam Houston | Military | \$ | 1,078 | 17.66 |
| Leon Valley | Municipal Government |  | 999 | 16.36 |
| Alamo Heights | Municipal Government |  | 977 | 16.00 |
| Lackland Air Force Base | Military |  | 899 | 14.73 |
| Bexar County WCID \#10 | County Government |  | 555 | 9.09 |
| Balcones Heights | Municipal Government |  | 378 | 6.19 |
| Kirby | Municipal Government |  | 345 | 5.65 |
| Olmos Park | Municipal Government |  | 305 | 5.00 |
| Lackland A.F.B./Annex @ Medina | Military |  | 193 | 3.16 |
| Air Force Village II | Municipal Government |  | 178 | 2.92 |
| Subtotal (10 largest) |  |  | 5,907 | 96.76 |
| Balance from Other Customers |  |  | 198 | 3.24 |
| Total |  | \$ | 6,105 | 100.00 |
| Fiscal Year Ended December 31, 2002: |  |  |  |  |
| Lackland Air Force Base | Military | \$ | 835 | 17.57 |
| Ft. Sam Houston | Military |  | 573 | 12.06 |
| Leon Valley | Municipal Government |  | 572 | 12.04 |
| Alamo Heights | Municipal Government |  | 513 | 10.80 |
| Terrell Hills | Municipal Government |  | 379 | 7.98 |
| Bexar County WCID \#10 | County Government |  | 344 | 7.24 |
| Castle Hills | Municipal Government |  | 341 | 7.18 |
| Kirby | Municipal Government |  | 254 | 5.35 |
| Balcones Heights | Municipal Government |  | 242 | 5.09 |
| Brooks Air Force Base | Military |  | 199 | 4.19 |
| Subtotal (10 largest) |  |  | 4,252 | 89.48 |
| Balance from Other Customers |  |  | 500 | 10.52 |
| Total |  | \$ | 4,752 | 100.00 |

San Antonio Water System
Schedule 19 - Ratios of Total Outstanding Debt by Type
(\$ in thousands, except debt per customer)

(a) Details regarding outstanding revenue bonds and commercial paper notes can be found in the notes to the financial statements. For presentation purposes, capital leases have been treated as debt.
(b) Gross revenues are defined as operating revenues plus nonoperating revenues. 2009 and prior years have been restated to reclass provision for uncollectible accounts from operating expenses to operating revenues.
(c) Customers represent the combined number of billed accounts for water and wastewater services at fiscal year-end.

## San Antonio Water System

Schedule 20 - Pledged Revenue Coverage
(\$ in thousands)

| Gross <br> Revenues (b) |  | Operating <br> Expenses (c) | Net <br> Available <br> Revenue | Revenue Bond Debt Service (a) |  |  |  |  | Coverage | Maximum Annual Debt Service Requirements |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total <br> Debt (e) |  |  |  |  |  |  | Coverage | Senior Lien |  | $\underline{\text { Coverage (f) }}$ |
|  |  | Principal |  | Interest (d) |  | Total |  | bt (e) |  |  |
|  | 417,077 |  | \$ 209,058 | 208,019 | \$ | 39,730 | \$ | 79,534 | 119,264 | 1.74 | 132,226 | 1.57 | S | 112,715 | 1.85 |
|  | 367,847 | 226,489 | 141,358 |  | 38,590 |  | 77,098 | 115,688 | 1.22 | 127,264 | 1.11 |  | 108,947 | 1.30 |
|  | 366,753 | 215,812 | 150,941 |  | 34,900 |  | 71,824 | 106,724 | 1.41 | 121,367 | 1.24 |  | 101,917 | 1.48 |
|  | 384,228 | 205,486 | 178,742 |  | 27,630 |  | 67,810 | 95,440 | 1.87 | 98,840 | 1.81 |  | 86,140 | 2.08 |
|  | 344,772 | 185,561 | 159,211 |  | 24,880 |  | 69,693 | 94,573 | 1.68 | 102,880 | 1.55 |  | 86,138 | 1.85 |
|  | 372,193 | 177,265 | 194,928 |  | 22,415 |  | 63,432 | 85,847 | 2.27 | 91,175 | 2.14 |  | 78,373 | 2.49 |
|  | 331,032 | 171,853 | 159,179 |  | 16,505 |  | 55,542 | 72,047 | 2.21 | 94,992 | 1.68 |  | 78,373 | 2.03 |
|  | 263,367 | 152,445 | 110,922 |  | 7,735 |  | 52,732 | 60,467 | 1.83 | 84,941 | 1.31 |  | 67,203 | 1.65 |
|  | 241,228 | 151,483 | 89,745 |  | 5,515 |  | 48,512 | 54,027 | 1.66 | 76,075 | 1.18 |  | 61,511 | 1.46 |
|  | 239,382 | 133,984 | 105,398 |  | 15,045 |  | 39,589 | 54,634 | 1.93 | 66,268 | 1.59 |  | 61,511 | 1.71 |

(a) Represents current year debt service payments. Details regarding outstanding debt can be found in the notes to the financial statements. All bonded debt is secured by revenue and is included in these totals.
(b) Gross Revenues are defined as operating revenues plus nonoperating revenues less revenues from the City Public Service contract, interest on Project Funds and federal subsidy on Build America Bonds. 2009 and prior years have been restated to reclass the provision for uncollectible accounts from operating expenses to operating revenues.
(c) Operating Expenses reflect operating expenses before depreciation as shown on the Statement of Revenues, Expenses and Changes in Equity.
(d) Interest reported net of the U.S. federal interest subsidy on the Series 2009B \& 2010B revenue bonds.
(e) Debt service requirements consist of principal and interest payments net of the U.S. federal interest subsidy on the Series 2009B \& 2010B revenue bonds.
(f) SAWS bond ordinance requires the maintenance of a debt coverage ratio of at least 1.25 x the maximum annual debt service on outstanding senior lien debt in order to issue additional bonds.

## San Antonio Water System

## Schedule 21 - Demographic and Economic Statistics

Last Ten Calendar Years

| Year | Population (a) | Median <br> Age (a) |  | Personal <br> ncome (a) <br> thousands <br> of dollars) | Per Capita <br> Personal <br> Income (a) |  | School <br> Enrollment (b) | Single <br> Family <br> Housing <br> Permits (c) | Employment (d) | Unemployment Rate (d) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 1,326,539 | 32.8 | \$ | 28,421,098 | \$ | 21,425 | 392,897 | 4,033 | 925,503 | 6.8\% |
| 2010 | 1,319,492 | 32.1 |  | 28,260,879 |  | 21,418 | 387,343 | 4,896 | 916,219 | 7.3\% |
| 2009 | 1,340,549 | 32.6 |  | 28,750,754 |  | 21,447 | 296,328 | 5,291 | 901,279 | 6.7\% |
| 2008 | 1,328,984 | 32.8 |  | 27,653,499 |  | 20,808 | 295,673 | 5,761 | 898,320 | 4.7\% |
| 2007 | 1,312,286 | 32.6 |  | 26,093,495 |  | 19,884 | 291,873 | 8,707 | 884,049 | 4.1\% |
| 2006 | 1,322,900 | 33.2 |  | 26,603,519 |  | 20,110 | 283,393 | 13,142 | 872,518 | 4.6\% |
| 2005 | 1,299,200 | 32.2 |  | 25,386,368 |  | 19,540 | 279,756 | 14,047 | 852,165 | 5.0\% |
| 2004 | 1,278,300 | 32.2 |  | 24,248,073 |  | 18,969 | 273,560 | 11,920 | 834,039 | 5.6\% |
| 2003 | 1,262,800 | 32.0 |  | 25,205,488 |  | 19,960 | 275,796 | 10,407 | 820,022 | 6.1\% |
| 2002 | 1,241,100 | 31.8 |  | 23,953,230 |  | 19,300 | 270,025 | 10,063 | 810,917 | 5.7\% |

(a) Source: Planning Department, City of San Antonio, Texas
(b) Source: Planning Department, City of San Antonio, Texas. 2001-2009 data includes students age 5 and over. Data since 2010 includes students age 3 and over.
(c) Source: US Bureau of Census and Real Estate Center at Texas A\&M University, San Antonio Metropolitan Statistical Area.
(d) Source: Texas Workforce Commission, Labor Market Career Information, LAUS MSA 2000-Present, San Antonio/New Braunfels Metropolitan Statistical Area 2000-present. 2011 data is for December only, annual data is presented for prior years.

Note: Population and median age information are based on surveys conducted during the last quarter of the calendar year. Personal income information is a total for the year. Unemployment rate information is an adjusted yearly average. School enrollment is based on the census at the start of the school year.

San Antonio Water System
Schedule 22 - Principal Employers
Current Year and Nine Years Ago

| Employer | 2011 |  |  | 2002 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Employees | Rank | Percentage of Total City Employment ${ }^{1}$ | Employees | Rank | Percentage of Total City Employment ${ }^{2}$ |
| Lackland Air Force Base | 52,561 | 1 | 6.32\% |  |  |  |
| Fort Sam Houston | 32,000 | 2 | 3.85\% | 8,527 | 4 | 1.16\% |
| Randolph Air Force Base | 16,017 | 3 | 1.93\% |  |  |  |
| United Services Automobile Association | 15,000 | 4 | 1.80\% | 16,267 | 1 | 2.21\% |
| H.E.B. Food Stores | 14,588 | 5 | 1.75\% |  |  |  |
| Northside Independent School District | 12,244 | 6 | 1.47\% | 10,393 | 3 | 1.41\% |
| City of San Antonio | 12,211 | 7 | 1.47\% | 12,025 | 2 | 1.63\% |
| Methodist Health Care System | 7,747 | 8 | 0.93\% |  |  |  |
| Baptist Health Systems | 6,310 | 9 | 0.76\% | 4,384 | 10 | 0.59\% |
| University of Texas Health Science | 6,153 | 10 | 0.74\% | 5,200 | 8 | 0.71\% |
| San Antonio Independent School District |  |  |  | 8,000 | 5 | 1.09\% |
| North East Independent School District |  |  |  | 7,600 | 6 | 1.03\% |
| SBC Communications (A T \& T) |  |  |  | 6,500 | 7 | 0.88\% |
| University Health Systems |  |  |  | 4,408 | 9 | 0.60\% |
| Total | 174,831 |  | 21.02\% | 83,304 |  | 11.30\% |

Source: Economic Development Division, City of San Antonio, Texas, Book of Lists 2012, and Department of Defense personnel statistics.
${ }^{1}$ Percent based on an Employment Estimate of 831,900 of Non-Farm jobs in the San Antonio-New Braunfels Metropolitan Statistical Area as of January 2011. Figure provided by the Texas Workforce Commission.
${ }^{2}$ Percent based on an Employment Estimate of 737,200 of Non-Farm jobs in the San Antonio Metropolitan Statistical Area as of January 2002. Figure provided by the Texas Workforce Commission.

Table provided courtesy of City of San Antonio Finance Department

## San Antonio Water System

Schedule 23 - Number of Employees by Functional Group

|  | Fiscal Year |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 |
| Functional Group |  |  |  |  |  |  |  |
| President/CEO | 11 | 12 | 13 | 12 | 10 | 11 | 14 |
| Production \& Treatment Operations | 353 | 358 | 368 | 341 | 337 | 337 | 347 |
| Distribution \& Collection Operations (a) | 416 | 430 | 435 | 403 | 422 | 414 | 419 |
| Operation Services (a) | 189 | 178 | 180 | 177 |  |  |  |
| Administrative Services (a) |  |  |  |  | 117 | 115 | 119 |
| External Relations | 32 | 32 | 32 | 19 | 21 | 19 | 20 |
| Customer Service | 215 | 206 | 210 | 212 | 208 | 201 | 205 |
| Strategic Resources (a) | 201 | 189 | 201 | 193 | 116 | 108 | 102 |
| Facilities Engineering \& Construction (a) |  |  |  |  | 188 | 197 | 199 |
| Water Resources (a) | 62 | 54 | 63 | 55 |  |  |  |
| Financial Services (b) | 67 | 69 | 58 | 56 | 55 | 54 | 57 |
| Information Services (a) | 57 | 54 | 58 | 56 |  |  |  |
| Corporate Initiatives (a) |  |  |  |  | 64 | 64 | 61 |
| Human Resources | 50 | 49 | 48 | 46 | 44 | 28 | 29 |
| Legal (b) | 16 | 16 | 30 | 25 | 26 | 27 | 29 |
|  | 1,669 | 1,647 | 1,696 | 1,595 | 1,608 | 1,575 | 1,601 |

In 2005, SAWS was reorganized into the functional groups listed above. Employee
information prior to the reorganization is not available to report in a comparable structure.
Total employees in the previous seven periods are shown below.

Total
Employees

| 2004 | 1,650 |
| :--- | :--- |
| 2003 | 1,610 |
| 2002 | 1,582 |

(a) In 2008, certain functional groups were restructured.
(b) In 2010, Contracting Department was moved from Legal to Financial Services.

## San Antonio Water System

Schedule 24 - Capital Assets
(amounts in thousands)

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 |  | 2010 |  | 2009 |  | 2008 |  | 2007 |  | 2006 |  | 2005 | 2004 |  | 2003 |  | 2002 |  |
| Water Delivery | \$ | 1,680,136 | \$ | 1,621,171 | \$ | 1,548,754 | \$ | 1,472,040 | \$ | 1,349,664 | \$ | 1,212,843 | \$ 1,077,840 | \$ | 1,042,342 | \$ | 1,000,991 | \$ | 935,145 |
| Water Supply: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Water Resources |  | 556,979 |  | 546,491 |  | 429,129 |  | 353,988 |  | 249,278 |  | 211,586 | 166,168 |  | 46,048 |  | 34,332 |  | 26,456 |
| Recycle |  | 152,993 |  | 151,640 |  | 151,184 |  | 149,308 |  | 164,414 |  | 137,009 | 126,905 |  | 120,114 |  | 100,175 |  | 65,496 |
| Conservation |  | 444 |  | 441 |  | 335 |  | 221 |  | 262 |  | 264 | 262 |  | 259 |  | 262 |  | 85 |
| Stormwater |  | 179 |  | 187 |  | 183 |  | 161 |  | 147 |  | 147 | 147 |  | - |  | - |  | - |
| Wastewater |  | 1,858,386 |  | 1,761,832 |  | 1,704,933 |  | 1,639,280 |  | 1,524,730 |  | 1,409,514 | 1,293,194 |  | 1,219,086 |  | 1,142,941 |  | 1,061,298 |
| Chilled Water and Steam |  | 52,948 |  | 52,957 |  | 52,007 |  | 50,303 |  | 50,169 |  | 50,109 | 47,865 |  | 47,137 |  | 46,046 |  | 32,706 |
| Working Capital |  | - |  | - |  | - |  | - |  | - |  | 3,310 | 3,861 |  | 3,907 |  | 6,858 |  | 33,217 |
| Construction in Progress |  | 522,438 |  | 415,810 |  | 427,971 |  | 372,607 |  | 361,192 |  | 372,598 | 483,201 |  | 499,585 |  | 428,226 |  | 305,235 |
| Total assets before accumulated depreciation |  | 4,824,503 |  | 4,550,529 |  | 4,314,496 |  | 4,037,908 |  | 3,699,856 |  | 3,397,380 | 3,199,443 |  | 2,978,478 |  | 2,759,831 |  | 2,459,638 |
| Accumulated Depreciation |  | 1,271,438 |  | 1,187,662 |  | 1,140,232 |  | 1,070,718 |  | 1,002,264 |  | 926,251 | 861,163 |  | 798,457 |  | 743,691 |  | 688,082 |
| Net Capital Assets | \$ | 3,553,065 | \$ | 3,362,867 | \$ | 3,174,264 | \$ | 2,967,190 | \$ | 2,697,592 | \$ | 2,471,129 | \$ 2,338,280 | \$ | 2,180,021 | \$ | 2,016,140 | \$ | 1,771,556 |

## San Antonio Water System

Map 1 - Map of Water Service Area


## San Antonio Water System

Schedule 25-Operating and Capital Indicators - Water

## Rainfall (Inches)

Customers/Connections (a)
Water Pumpage (Million Gallons)
Annual Water Pumped (d)
ASR Recharge (b) (d)
ASR Net Production (b) (d)
Annual Pumped for Usage (d)
Average Daily (d)
Maximum Daily (d)
Maximum Hour (Daily Rate) (d)

| Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
| 17.58 | 37.39 | 30.69 | 13.76 | 47.25 | 21.34 | 16.45 | 45.34 | 28.45 | 46.27 |
| 360,281 | 356,546 | 352,059 | 348,834 | 344,168 | 336,434 | 325,944 | 315,000 | 306,363 | 300,742 |
| 74,629 | 68,750 | 66,195 | 71,328 | 61,744 | 66,350 | 63,357 | 53,040 | 55,039 | 52,691 |
| 3,928 | 8,322 | 5,549 | 3,805 | 6,701 | 2,962 | 4,367 | 1,809 | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ |
| 4,309 | 549 | 466 | 125 | 143 | 2,095 | 302 | 207 | n/a | $\mathrm{n} / \mathrm{a}$ |
| 70,701 | 60,428 | 60,646 | 67,523 | 55,043 | 63,388 | 58,990 | 51,231 | 55,039 | 52,691 |
| 204.5 | 188.4 | 181.4 | 194.9 | 169.2 | 181.8 | 172.6 | 145.3 | 150.8 | 144.4 |
| 265.6 | 266.0 | 243.5 | 299.1 | 224.0 | 269.0 | 278.1 | 197.9 | 304.8 | 229.5 |
| 428.2 | 357.8 | 388.0 | 399.1 | 296.0 | 410.7 | 395.5 | 295.2 | 390.9 | 369.0 |
| 59,133 | 52,578 | 55,295 | 58,828 | 49,511 | 57,724 | 55,005 | 49,366 | 50,576 | 51,850 |
| 84,640 | 85,035 | 81,923 | 71,738 | 69,505 | 69,505 | 65,007 | 67,799 | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ |
| 6,098 | 6,132 | 6,256 | 6,256 | 4,171 | 4,171 | 1,140 | 1,140 | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ |
| 28,655 | 29,244 | 21,832 | 16,772 | 13,092 | 6,534 | 5,667 | 1,602 | $\mathrm{n} / \mathrm{a}$ | n/a |
| 119,393 | 120,411 | 110,011 | 94,766 | 86,768 | 80,210 | 71,814 | 70,541 | n/a | n/a |
| 139 | 144 | 140 | 136 | 126 | 113 | 102 | 94 | 95 | 83 |
| 81.2 | 73.9 | 66.5 | 65.2 | 64.2 | 69.0 | 60.0 | 64.8 | 53.5 | 53.5 |
| 184.1 | 180.8 | 166.2 | 165.0 | 164.0 | 166.0 | 142.0 | 161.5 | 145.0 | 121.2 |
| 78 | 106 | 97 | 161 | 167 | 143 | 103 | 90 | 109 | 104 |
| 26 | 36 | 34 | 32 | 19 | 22 | 23 | 17 | 20 | 17 |
| 4,988 | 4,936 | 4,866 | 4,802 | 4,673 | 4,525 | 4,404 | 4,324 | 4,251 | 4,162 |
| 3,397 | 1,475 | 3,212 | 2,594 | 1,392 | 3,073 | 2,577 | 1,305 | 1,480 | 1,395 |
| 4,725 | 4,208 | 3,590 | 7,565 | 17,274 | 13,903 | 12,730 | 10,759 | 10,626 | 7,933 |
| 451 | 516 | 644 | 971 | 1,040 | 752 | 521 | 574 | 654 | 648 |
| 27,566 | 27,115 | 26,599 | 25,955 | 25,004 | 23,964 | 23,212 | 22,691 | 22,117 | 21,463 |

(a) Number of customers at end of fiscal year.
(b) SAWS opened its Aquifer Storage \& Recovery (ASR) facility in 2004. Prior to this time, all water pumped was pumped for usage.
(c) Amount reported is for the calendar year.
(d) Amounts have been revised from previously published data.
(e) Based on permitted rights authorized by the Edwards Aquifer Authority (EAA) as of December 31st. Authorized amounts prior to 2004 are not presented as they reflect a high level of variability related to EAA's permitting process. Under current EAA rules, authorized amounts are subject to reductions of $20 \%$ to $44 \%$ during drought conditions.
(f) Includes water from the Trinity Aquifer and Canyon Lake available under water purchase agreements and water from the Carrizo Aquifer based on groundwater rights associated with land owned by SAWS.
(g) Represents net amount stored in ASR (Recharge - Net production)

San Antonio Water System
Schedule 26 - Monthly Residential Service Charges for Ten Major Texas Cities - Water


Source: Based on rates effective on December 31st as posted on each respective city's website.
Note - Most charges are for a $5 / 8^{\prime \prime}$ meter; Arlington and Lubbock charges are for a $3 / 4$ " meter.
${ }^{1}$ Includes Raw Water Pass Through Charge of $\$ 0.870$ per 1,000 gallons.
${ }^{2}$ Assumes Standard rates and includes Water Supply Fee.
${ }^{3}$ El Paso charges are based on the nearest lowest hundred cubic feet (CCF) of consumption

San Antonio Water System
Map 2 - Map of Wastewater Service Area


## San Antonio Water System

Schedule 27 - Operating and Capital Indicators - Wastewater

Customers/Connections (a)

| Fiscal Year |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 |
| 405,119 | 400,096 | 395,161 | 389,894 | 379,962 | 368,401 | 354,878 | 342,813 | 330,072 |

Effluent Volumes For Major Facilities (million gallons per day)

## Dos Rios

Permit Flow
Average Annual Flow
Maximum Monthly Average Flow
Leon Creek
Permit Flow
Average Annual Flow (two outfalls)
Maximum Monthly Average Flow (two outfalls)

Permit Flow
Average Annual Flow
Maximum Monthly Average Flow
Salado (b)
405,1

| 125.00 | 125.00 | 125.00 | 125.00 | 125.00 | 125.00 | 125.00 | 125.00 | 125.00 | 125.00 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 74.97 | 86.47 | 74.37 | 76.53 | 93.34 | 64.00 | 59.58 | 61.16 | 56.53 | 60.08 |
| 76.63 | 103.66 | 89.36 | 81.43 | 131.98 | 74.37 | 73.98 | 78.74 | 65.65 | 82.52 |
|  |  |  |  |  |  |  |  | 46 |  |
| 46.00 | 46.00 | 46.00 | 46.00 | 46.00 | 46.00 | 46.00 | 46.00 | 46.00 | 46.00 |
| 35.07 | 38.83 | 34.99 | 34.71 | 40.26 | 32.63 | 34.48 | 35.34 | 33.81 | 37.56 |
| 36.46 | 45.30 | 64.74 | 38.62 | 55.49 | 34.28 | 41.79 | 42.40 | 36.18 | 49.16 |
|  |  |  |  |  |  |  | 8.50 | 8.50 | 8.50 |
| 16.00 | 16.00 | 16.00 | 16.00 | 8.50 | 8.50 | 8.50 | 8.50 |  |  |
| 6.83 | 7.53 | 6.32 | 5.87 | 6.94 | 5.13 | 5.21 | 5.60 | 5.53 | 6.44 |
| 6.97 | 8.71 | 7.45 | 6.57 | 10.51 | 5.63 | 6.58 | 6.63 | 7.09 | 8.33 |
|  |  |  |  |  |  |  |  |  |  |
| n/a | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | 46.00 | 46.00 | 46.00 | 46.00 | 46.00 |
| $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | 11.38 | 33.80 | 35.86 | 33.24 | 34.26 |
| $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | $\mathrm{n} / \mathrm{a}$ | 21.11 | 40.40 | 44.00 | 36.39 | 41.21 |
|  |  |  |  |  |  |  |  |  |  |
| 187.00 | 187.00 | 187.00 | 187.00 | 179.50 | 225.50 | 225.50 | 225.50 | 225.50 | 225.50 |
| 116.87 | 132.83 | 115.68 | 117.11 | 140.54 | 113.14 | 133.07 | 137.96 | 129.11 | 138.34 |
| 120.06 | 157.67 | 161.55 | 126.62 | 197.98 | 135.39 | 162.75 | 171.77 | 145.31 | 181.22 |
| 49,918 | 48,151 | 51,987 | 50,347 | 49,218 | 53,268 | 49,287 | 49,593 | 49,669 | 52,180 |
| 160 | 258 | 194 | 174 | 294 | 169 | 212 | 297 | 201 | 390 |
| 45 | 33 | 84 | 125 | 137 | 132 | 74 | 76 | 122 | 75 |
| 5,163 | 5,118 | 5,085 | 5,001 | 4,877 | 4,739 | 4,607 | 4,533 | 5,088 | 4,967 |
| 1,080 | 659 | 1,514 | 2,922 | 2,775 | 2,661 | 1,538 | 1,504 | 1,686 | 1,625 |
| 97,280 | 96,200 | 95,541 | 94,027 | 91,105 | 88,330 | 85,669 | 84,131 | 67,277 | 65,591 |
| 159 | 158 | 164 | 162 | 167 | 164 | 150 | 150 | 150 | 150 |

(a) Number of customers at end of fiscal year
(b) The Salado treatment plant was closed in August 2006 and all wastewater flows diverted to the Dos Rios treatment facility.
(c) Prior to 2004, the miles of sewer main in place were estimated. Utilizing GPS tracking, more accurate data was obtained and maintained starting in 2004.

San Antonio Water System
Schedule 28 - Monthly Residential Service Charges for Ten Major Texas Cities - Wastewater

| CITY | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Arlington |  |  |  |  |  |  |  |  |  |
| 6000 Gallons | \$27.37 | \$26.89 | \$25.97 | \$25.29 | \$23.10 | \$22.41 | \$19.52 | \$18.88 | \$18.88 |
| 9000 Gallons | \$37.03 | \$36.31 | \$35.03 | \$34.05 | \$31.05 | \$30.15 | \$26.78 | \$26.32 | \$26.32 |
| Austin |  |  |  |  |  |  |  |  |  |
| 6000 Gallons | \$50.35 | \$48.77 | \$46.28 | \$44.34 | \$42.18 | \$37.19 | \$31.72 | \$27.62 | \$27.62 |
| 9000 Gallons | \$75.49 | \$73.22 | \$69.47 | \$66.66 | \$63.72 | \$56.18 | \$48.79 | \$42.41 | \$42.41 |
| Corpus Christi |  |  |  |  |  |  |  |  |  |
| 6000 Gallons | \$43.21 | \$40.80 | \$35.95 | \$34.15 | \$28.91 | \$27.35 | \$26.77 | \$25.99 | \$25.99 |
| 9000 Gallons | \$57.69 | \$54.47 | \$48.01 | \$45.60 | \$38.61 | \$36.52 | \$35.75 | \$34.70 | \$34.70 |
| Dallas |  |  |  |  |  |  |  |  |  |
| 6000 Gallons | \$31.70 | \$29.99 | \$29.33 | \$28.63 | \$27.07 | \$25.55 | \$22.19 | \$21.01 | \$21.01 |
| 9000 Gallons | \$45.50 | \$43.01 | \$42.11 | \$41.20 | \$38.86 | \$36.71 | \$31.67 | \$30.19 | \$30.19 |
| El Paso |  |  |  |  |  |  |  |  |  |
| 6000 Gallons | \$15.22 | \$15.22 | \$15.22 | \$15.22 | \$14.21 | \$13.65 | \$12.76 | \$11.83 | \$11.83 |
| 9000 Gallons | \$20.31 | \$20.31 | \$20.31 | \$20.31 | \$18.97 | \$18.21 | \$16.87 | \$15.66 | \$15.66 |
| Ft. Worth |  |  |  |  |  |  |  |  |  |
| 6000 Gallons | \$26.27 | \$26.27 | \$25.67 | \$25.67 | \$24.63 | \$24.63 | \$24.63 | \$22.39 | \$22.39 |
| 9000 Gallons | \$36.86 | \$36.86 | \$36.26 | \$36.26 | \$34.70 | \$34.70 | \$34.70 | \$31.33 | \$31.33 |
| Houston |  |  |  |  |  |  |  |  |  |
| 6000 Gallons | \$31.38 | \$29.09 | \$24.84 | \$22.67 | \$22.29 | \$21.70 | \$21.22 | \$18.42 | \$18.42 |
| 9000 Gallons | \$49.98 | \$46.34 | \$36.69 | \$33.95 | \$33.39 | \$32.50 | \$31.33 | \$27.63 | \$27.63 |
| Lubbock |  |  |  |  |  |  |  |  |  |
| 6000 Gallons | \$24.30 | \$24.30 | \$22.10 | \$15.97 | \$14.76 | \$13.96 | \$13.96 | \$12.53 | \$12.53 |
| 9000 Gallons | \$30.45 | \$30.45 | \$28.25 | \$21.46 | \$19.83 | \$18.97 | \$18.97 | \$17.03 | \$17.03 |
| Plano |  |  |  |  |  |  |  |  |  |
| 6000 Gallons | \$33.54 | \$33.54 | \$33.54 | \$27.95 | \$27.10 | \$25.30 | \$24.11 | \$23.57 | \$23.57 |
| 9000 Gallons | \$46.32 | \$46.32 | \$46.32 | \$38.60 | \$37.24 | \$34.96 | \$33.32 | \$32.57 | \$32.57 |
| San Antonio |  |  |  |  |  |  |  |  |  |
| 6000 Gallons | \$19.12 | \$19.10 | \$17.02 | \$16.17 | \$16.17 | \$16.17 | \$16.08 | \$14.48 | \$12.57 |
| 9000 Gallons | \$26.02 | \$26.00 | \$23.20 | \$22.03 | \$22.03 | \$22.03 | \$21.91 | \$19.73 | \$17.15 |

Source: Based on rates posted on each respective city's website.

## BONDED DEBT SCHEDULES AND ANALYSES

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011
(amounts in thousands)


Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011

| WATER SYSTEM REVENUE | Original Issue |  | Call | BondNumbers |  | Bond | Interest Rates | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  | Balances Outstanding December 31, 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REFUNDING BONDS |  |  | Options |  |  | Type |  |  |  | Issued | Retired |  |  |  |
| Water System Revenue | \$ | - | NONE |  |  |  | - | 15-May | 2002 |  |  | \$ | - | \$ | - | \$ | - | \$ |  |
| Refunding Bonds - Series 2002 |  | - | NONE |  |  |  | - |  | 2003 |  | - |  |  |  | - |  | - |
| Paying Agent: Bank of New York |  | - | NONE |  |  |  | - |  | 2004 |  | - |  | - |  | - |  | - |
| Bonds Dated: 02-01-02 |  | - | NONE |  |  |  | - |  | 2005 |  | - |  | - |  | - |  | - |
|  |  | - | NONE |  |  |  | - |  | 2006 |  | - |  | - |  | - |  | - |
|  |  | - | NONE |  |  |  | - |  | 2007 |  | - |  | - |  | - |  | - |
|  |  | - | NONE |  |  |  | - |  | 2008 |  | - |  | - |  | - |  | - |
|  |  | - | NONE |  |  |  | - |  | 2009 |  | - |  | - |  | - |  | - |
|  |  | - | NONE |  |  |  | - |  | 2010 |  | - |  | - |  | - |  | - |
|  |  | - | NONE |  |  |  | - |  | 2011 |  | - |  | - |  | - |  | - |
|  |  | - | NONE |  |  |  | - |  | 2012 |  | - |  | - |  | - |  | - |
|  |  | 4,445 | (2) | 1 | 889 | Serial | 5.500 |  | 2013 |  | 4,445 |  | - |  | 510 |  | 3,935 |
|  |  | 4,670 | (2) | 890 | 1823 | Serial | 5.500 |  | 2014 |  | 4,670 |  | - |  | 540 |  | 4,130 |
|  |  | 4,905 | (2) | 1824 | 2804 | Serial | 5.500 |  | 2015 |  | 4,905 |  | - |  | 565 |  | 4,340 |
|  |  | 5,145 | (2) | 2805 | 3833 | Serial | 5.500 |  | 2016 |  | 5,145 |  | - |  | 595 |  | 4,550 |
|  |  | 10,145 | (2) | 3834 | 5862 | Serial | 5.500 |  | 2017 |  | 10,145 |  | - |  | 1,170 |  | 8,975 |
|  |  | 10,665 | (2) | 5863 | 7995 | Serial | 5.500 |  | 2018 |  | 10,665 |  | - |  | 1,230 |  | 9,435 |
|  |  | 7,490 | (2) | 7996 | 9493 | Serial | 5.500 |  | 2019 |  | 7,490 |  | - |  | 865 |  | 6,625 |
|  |  | 17,390 | (2) | 9494 | 12971 | Serial | 5.500 |  | 2020 |  | 17,390 |  | - |  | 2,005 |  | 15,385 |
|  |  | 18,260 | (2) | 12972 | 16623 | Serial | 5.000 |  | 2021 |  | 18,260 |  | - |  | 2,105 |  | 16,155 |
|  |  | 21,280 | (2) | 16624 | 20879 | Serial | 5.000 |  | 2022 |  | 21,280 |  | - |  | 2,450 |  | 18,830 |
|  |  | 22,350 | (2) | 20880 | 25349 | Serial | 5.125 |  | 2023 |  | 22,350 |  | - |  | 2,575 |  | 19,775 |
|  |  | 23,475 | (2)(29) | 25350 | 30044 | Term | 5.000 |  | 2024 |  | 23,475 |  | - |  | 2,705 |  | 20,770 |
|  |  | 24,635 | (2)(29) | 30045 | 34971 | Term | 5.000 |  | 2025 |  | 24,635 |  | - |  | 2,840 |  | 21,795 |
|  |  | 25,850 | (2)(29) | 34972 | 40141 | Term | 5.000 |  | 2026 |  | 25,850 |  | - |  | 2,975 |  | 22,875 |
|  |  | 48,655 | (2)(29) | 40142 | 49872 | Term | 5.000 |  | 2027 |  | 48,655 |  | - |  | 5,605 |  | 43,050 |
|  |  | 51,150 | (2)(29) | 49873 | 60102 | Term | 5.000 |  | 2028 |  | 51,150 |  | - |  | 5,890 |  | 45,260 |
|  | \$ | 300,510 |  |  |  |  |  |  |  | \$ | 300,510 | \$ | - | \$ | 34,625 | \$ | 265,885 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011


Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011

## (amounts in thousands)



[^0]San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011 (amounts in thousands)


Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011


Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

## San Antonio Water System

## ANALYSIS OF CHANGES IN BONDED DEBT

For the Year Ended December 31, 2011

## (amounts in thousands)

| WATER SYSTEM REVENUE | Original Issue |  | Call Options | Bond <br> Numbers |  | Bond Type | InterestRates | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  | Balances Outstanding <br> December 31, 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REFUNDING BONDS |  |  |  |  |  |  |  |  |  |  | Retired |  |  |
| Water System Revenue and | \$ | 3,865 |  | NONE | 1 |  | 773 | Serial | 3.000 \% |  |  | 15-May | 2009 | \$ | - | \$ | - | \$ |  | \$ | - |
| Refunding Bonds - Series 2009 |  | 2,635 | NONE | 774 | 1300 | Serial | 3.000 |  | 2010 |  | - |  | - |  | - |  | - |
| Paying Agent: Wells Fargo |  | 2,715 | NONE | 1301 | 1843 | Serial | 3.000 |  | 2011 |  | 2,715 |  | - |  | 2,715 |  | - |
| Bonds Dated: 01-15-09 |  | 2,800 | NONE | 1844 | 2403 | Serial | 3.000 |  | 2012 |  | 2,800 |  | - |  | - |  | 2,800 |
|  |  | 2,885 | NONE | 2404 | 2980 | Serial | 3.000 |  | 2013 |  | 2,885 |  | - |  | - |  | 2,885 |
|  |  | 2,970 | NONE | 2981 | 3574 | Serial | 3.000 |  | 2014 |  | 2,970 |  | - |  | - |  | 2,970 |
|  |  | 3,060 | NONE | 3575 | 4186 | Serial | 3.000 |  | 2015 |  | 3,060 |  | - |  | - |  | 3,060 |
|  |  | 3,170 | NONE | 4187 | 4820 | Serial | 4.000 |  | 2016 |  | 3,170 |  | - |  | - |  | 3,170 |
|  |  | 3,315 | NONE | 4821 | 5483 | Serial | 5.000 |  | 2017 |  | 3,315 |  | - |  | - |  | 3,315 |
|  |  | 1,930 | NONE | 5484 | 5869 | Serial | 5.000 |  | 2018 |  | 1,930 |  | - |  | - |  | 1,930 |
|  |  | 1,550 | NONE | 5870 | 6179 | Serial | 4.000 |  | 2018 |  | 1,550 |  | - |  | - |  | 1,550 |
|  |  | 3,095 | (7) | 6180 | 6798 | Serial | 5.000 |  | 2019 |  | 3,095 |  | - |  | - |  | 3,095 |
|  |  | 550 | (7) | 6799 | 6908 | Serial | 4.000 |  | 2019 |  | 550 |  | - |  | - |  | 550 |
|  |  | 3,430 | (7) | 6909 | 7594 | Serial | 5.000 |  | 2020 |  | 3,430 |  | - |  | - |  | 3,430 |
|  |  | 400 | (7) | 7595 | 7674 | Serial | 4.000 |  | 2020 |  | 400 |  | - |  | - |  | 400 |
|  |  | 4,025 | (7) | 7675 | 8479 | Serial | 5.000 |  | 2021 |  | 4,025 |  | - |  | - |  | 4,025 |
|  |  | 3,525 | (7) | 8480 | 9184 | Serial | 5.000 |  | 2022 |  | 3,525 |  | - |  | - |  | 3,525 |
|  |  | 700 | (7) | 9185 | 9324 | Serial | 4.000 |  | 2022 |  | 700 |  | - |  | - |  | 700 |
|  |  | 3,080 | (7) | 9325 | 9940 | Serial | 5.000 |  | 2023 |  | 3,080 |  | - |  | - |  | 3,080 |
|  |  | 1,355 | (7) | 9941 | 10211 | Serial | 4.200 |  | 2023 |  | 1,355 |  | - |  | - |  | 1,355 |
|  |  | 2,935 | (7) | 10212 | 10798 | Serial | 5.000 |  | 2024 |  | 2,935 |  | - |  | - |  | 2,935 |
|  |  | 1,715 | (7) | 10799 | 11141 | Serial | 4.300 |  | 2024 |  | 1,715 |  | - |  | - |  | 1,715 |
|  |  | 400 | (7) | 11142 | 11221 | Serial | 4.500 |  | 2025 |  | 400 |  | - |  | - |  | 400 |
|  |  | 4,485 | (7)(34) | 11222 | 12118 | Term | 5.125 |  | 2025 |  | 4,485 |  | - |  | - |  | 4,485 |
|  |  | 5,140 | (7)(34) | 12119 | 13146 | Term | 5.125 |  | 2026 |  | 5,140 |  | - |  | - |  | 5,140 |
|  |  | 5,410 | (7)(34) | 13147 | 14228 | Term | 5.125 |  | 2027 |  | 5,410 |  | - |  | - |  | 5,410 |
|  |  | 2,995 | (7) | 14229 | 14827 | Serial | 5.000 |  | 2028 |  | 2,995 |  | - |  | - |  | 2,995 |
|  |  | 2,695 | (7)(34) | 14828 | 15366 | Term | 5.125 |  | 2028 |  | 2,695 |  | - |  | - |  | 2,695 |
|  |  | 1,665 | (7) | 15367 | 15699 | Serial | 5.000 |  | 2029 |  | 1,665 |  | - |  | - |  | 1,665 |
|  |  | 4,325 | (7)(34) | 15700 | 16564 | Term | 5.125 |  | 2029 |  | 4,325 |  | - |  | - |  | 4,325 |
|  |  | 6,305 | (7)(34) | 16565 | 17825 | Term | 5.250 |  | 2030 |  | 6,305 |  | - |  | - |  | 6,305 |
|  |  | 6,645 | (7)(34) | 17826 | 19154 | Term | 5.250 |  | 2031 |  | 6,645 |  | - |  | - |  | 6,645 |
|  |  | 7,005 | (7)(34) | 19155 | 20555 | Term | 5.250 |  | 2032 |  | 7,005 |  | - |  | - |  | 7,005 |
|  |  | 7,385 | (7)(34) | 20556 | 22032 | Term | 5.250 |  | 2033 |  | 7,385 |  | - |  | - |  | 7,385 |
|  |  | 7,780 | (7)(34) | 22033 | 23588 | Term | 5.250 |  | 2034 |  | 7,780 |  | - |  | - |  | 7,780 |
|  |  | 8,205 | (7)(34) | 23589 | 25229 | Term | 5.375 |  | 2035 |  | 8,205 |  | - |  | - |  | 8,205 |
|  |  | 8,660 | (7)(34) | 25230 | 26961 | Term | 5.375 |  | 2036 |  | 8,660 |  | - |  | - |  | 8,660 |
|  |  | 9,135 | (7)(34) | 26962 | 28788 | Term | 5.375 |  | 2037 |  | 9,135 |  | - |  | - |  | 9,135 |
|  |  | 9,640 | (7)(34) | 28789 | 30716 | Term | 5.375 |  | 2038 |  | 9,640 |  | - |  | - |  | 9,640 |
|  |  | 10,175 | (7)(34) | 30717 | 32751 | Term | 5.375 |  | 2039 |  | 10,175 |  | - |  | - |  | 10,175 |
|  | \$ | $\underline{ }$ |  |  |  |  |  |  |  | \$ | 157,255 | \$ | - | \$ | 2,715 | \$ | 154,540 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options

## San Antonio Water System

## ANALYSIS OF CHANGES IN BONDED DEBT

For the Year Ended December 31, 2011 (amounts in thousands)

## WATER SYSTEM <br> REVENUE BONDS <br> Water System Revenue Bonds <br> Series 2009A <br> Paying Agent: Wells Fargo <br> Bonds Dated: 11-01-09

|  | Original <br> Issue | Call <br> Options | Bond <br> Numbers | Bond <br> Type |  |
| :---: | ---: | :---: | :---: | :---: | :---: |
| $\$$ | - | NONE |  |  |  |
|  | 2,515 | NONE | 1 | 503 | Serial |
|  | 2,305 | NONE | 504 | 964 | Serial |
| 2,370 | NONE | 965 | 1438 | Serial |  |
| 2,465 | NONE | 1439 | 1931 | Serial |  |
| 2,595 | NONE | 1932 | 2450 | Serial |  |
|  | 12,250 |  |  |  |  |


| Interest <br> Rates | Maturity Dates |  |
| :---: | :---: | :---: |
| - \% | 15-May | 2009 |
| 3.000 |  | 2010 |
| 2.500 |  | 2011 |
| 3.000 |  | 2012 |
| 5.000 |  | 2013 |
| 5.000 |  | 2014 |


| Balances Outstanding January 1, 2011 |  | Transactions |  |  |  | Balances Outstanding December 31, 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Issued |  | Retired |  |  |  |
| \$ | - | \$ | - | \$ |  | \$ |  |
|  | - |  | - |  | - |  |  |
|  | 2,305 |  | - |  | 2,305 |  | - |
|  | 2,370 |  | - |  | - |  | 2,370 |
|  | 2,465 |  | - |  |  |  | 2,465 |
|  | 2,595 |  | - |  | - |  | 2,595 |
| \$ | 9,735 | \$ | - | \$ | 2,305 | \$ | 7,430 |

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011
(amounts in thousands)

| WATER SYSTEM | Original Issue | Call | Bond <br> Numbers |  | Bond <br> Type | Interest Rates | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  | Options |  |  |  |  |  |  | Issued |  | Retired |  |  |
| Water System Revenue Bonds \$ | \$ | NONE |  |  |  |  | - | 15-May |  |  | 2009 | \$ | - | \$ |  | \$ |  |  | - |
| Taxable Series 2009B | - | NONE |  |  |  | - |  | 2010 |  | - |  | - |  | - |  | - |
| (Direct Subsidy - Build America Bonds) | - | NONE |  |  |  | - |  | 2011 |  | - |  | - |  | - |  | - |
| Paying Agent: Wells Fargo | - | NONE |  |  |  | - |  | 2012 |  | - |  | - |  | - |  | - |
| Bonds Dated: 11-01-09 | - | NONE |  |  |  | - |  | 2013 |  | - |  | - |  | - |  | - |
|  | - | NONE |  |  |  | - |  | 2014 |  | - |  | - |  | - |  | - |
|  | 2,690 | (8) | 1 | 538 | Serial | 3.319 |  | 2015 |  | 2,690 |  | - |  | - |  | 2,690 |
|  | 2,755 | (8) | 539 | 1089 | Serial | 3.825 |  | 2016 |  | 2,755 |  | - |  | - |  | 2,755 |
|  | 2,825 | (8) | 1090 | 1654 | Serial | 4.293 |  | 2017 |  | 2,825 |  | - |  | - |  | 2,825 |
|  | 2,910 | (8) | 1655 | 2236 | Serial | 4.443 |  | 2018 |  | 2,910 |  | - |  | - |  | 2,910 |
|  | 2,995 | (8) | 2237 | 2835 | Serial | 4.543 |  | 2019 |  | 2,995 |  | - |  | - |  | 2,995 |
|  | 3,085 | (8) | 2836 | 3452 | Serial | 4.743 |  | 2020 |  | 3,085 |  | - |  | - |  | 3,085 |
|  | 3,185 | (8) | 3453 | 4089 | Serial | 4.953 |  | 2021 |  | 3,185 |  | - |  | - |  | 3,185 |
|  | 3,290 | (8) | 4090 | 4747 | Serial | 5.143 |  | 2022 |  | 3,290 |  | - |  | - |  | 3,290 |
|  | 3,405 | (8) | 4748 | 5428 | Serial | 5.233 |  | 2023 |  | 3,405 |  | - |  | - |  | 3,405 |
|  | 3,525 | (8) | 5429 | 6133 | Serial | 5.373 |  | 2024 |  | 3,525 |  | - |  | - |  | 3,525 |
|  | 3,650 | (8)(35) | 6134 | 6863 | Term | 5.502 |  | 2025 |  | 3,650 |  | - |  | - |  | 3,650 |
|  | 4,995 | (8)(35) | 6864 | 7862 | Term | 5.502 |  | 2026 |  | 4,995 |  | - |  | - |  | 4,995 |
|  | 3,965 | (8)(35) | 7863 | 8655 | Term | 5.502 |  | 2027 |  | 3,965 |  | - |  | - |  | 3,965 |
|  | 3,300 | (8)(35) | 8656 | 9315 | Term | 5.502 |  | 2028 |  | 3,300 |  | - |  | - |  | 3,300 |
|  | 4,230 | (8)(35) | 9316 | 10161 | Term | 5.502 |  | 2029 |  | 4,230 |  | - |  | - |  | 4,230 |
|  | 4,385 | (8)(35) | 10162 | 11038 | Term | 5.602 |  | 2030 |  | 4,385 |  | - |  | - |  | 4,385 |
|  | 4,550 | (8)(35) | 11039 | 11948 | Term | 5.602 |  | 2031 |  | 4,550 |  | - |  | - |  | 4,550 |
|  | 4,715 | (8)(35) | 11949 | 12891 | Term | 5.602 |  | 2032 |  | 4,715 |  | - |  | - |  | 4,715 |
|  | 4,890 | (8)(35) | 12892 | 13869 | Term | 5.602 |  | 2033 |  | 4,890 |  | - |  | - |  | 4,890 |
|  | 5,075 | (8)(35) | 13870 | 14884 | Term | 5.602 |  | 2034 |  | 5,075 |  | - |  | - |  | 5,075 |
|  | 5,260 | (8)(35) | 14885 | 15936 | Term | 5.602 |  | 2035 |  | 5,260 |  | - |  | - |  | 5,260 |
|  | 5,455 | (8)(35) | 15937 | 17027 | Term | 5.602 |  | 2036 |  | 5,455 |  | - |  | - |  | 5,455 |
|  | 5,660 | (8)(35) | 17028 | 18159 | Term | 5.602 |  | 2037 |  | 5,660 |  | - |  | - |  | 5,660 |
|  | 5,870 | (8)(35) | 18160 | 19333 | Term | 5.602 |  | 2038 |  | 5,870 |  | - |  | - |  | 5,870 |
|  | 6,085 | (8)(35) | 19334 | 20550 | Term | 5.602 |  | 2039 |  | 6,085 |  | - |  | - |  | 6,085 |
|  | \$ 102,750 |  |  |  |  |  |  |  | \$ | 102,750 | \$ | - | \$ | - | \$ | 102,750 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011
(amounts in thousands)

| WATER SYSTEM | Original Issue | Call | Bond <br> Numbers |  | $\begin{gathered} \text { Bond } \\ \text { Type } \\ \hline \end{gathered}$ | Interest | Maturity Dates |  | Balances Outstanding January 1, 2011 |  |  | Transactions |  |  | Balances <br> Outstanding <br> December 31, 2011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  | Options |  |  | Rates |  |  |  | Issued |  | Retired |  |  |
| Water System Revenue Bonds | \$ | NONE |  |  |  |  | - | 15-May |  |  | 2010 | \$ | - | \$ |  | \$ |  |  | - |
| Taxable Series 2010B | - | NONE |  |  |  | - |  | 2011 |  | - |  | - |  | - |  | - |
| (Direct Subsidy - Build America Bonds) | 1,635 | (9) | 1 | 327 | Serial | 1.109 |  | 2012 |  | 1,635 |  | - |  | - |  | 1,635 |
| Paying Agent: USBank | 1,645 | (9) | 328 | 656 | Serial | 1.457 |  | 2013 |  | 1,645 |  | - |  | - |  | 1,645 |
| Bonds Dated: 11-15-10 | 1,665 | (9) | 657 | 989 | Serial | 1.933 |  | 2014 |  | 1,665 |  | - |  | - |  | 1,665 |
|  | 1,685 | (9) | 990 | 1326 | Serial | 2.233 |  | 2015 |  | 1,685 |  | - |  | - |  | 1,685 |
|  | 1,715 | (9) | 1327 | 1669 | Serial | 2.756 |  | 2016 |  | 1,715 |  | - |  | - |  | 1,715 |
|  | 1,750 | (9) | 1670 | 2019 | Serial | 3.106 |  | 2017 |  | 1,750 |  | - |  | - |  | 1,750 |
|  | 1,785 | (9) | 2020 | 2376 | Serial | 3.670 |  | 2018 |  | 1,785 |  | - |  | - |  | 1,785 |
|  | 1,830 | (9) | 2377 | 2742 | Serial | 3.820 |  | 2019 |  | 1,830 |  | - |  | - |  | 1,830 |
|  | 1,880 | (9) | 2743 | 3118 | Serial | 3.970 |  | 2020 |  | 1,880 |  | - |  | - |  | 1,880 |
|  | 1,930 | (9) | 3119 | 3504 | Serial | 4.170 |  | 2021 |  | 1,930 |  | - |  | - |  | 1,930 |
|  | 1,985 | (9) | 3505 | 3901 | Serial | 4.370 |  | 2022 |  | 1,985 |  | - |  | - |  | 1,985 |
|  | 2,040 | (9) | 3902 | 4309 | Serial | 4.620 |  | 2023 |  | 2,040 |  | - |  | - |  | 2,040 |
|  | 2,105 | (9) | 4310 | 4730 | Serial | 4.920 |  | 2024 |  | 2,105 |  | - |  | - |  | 2,105 |
|  | 2,175 | (9) | 4731 | 5165 | Serial | 5.120 |  | 2025 |  | 2,175 |  | - |  | - |  | 2,175 |
|  | 2,255 | (9)(36) | 5166 | 5616 | Term | 6.170 |  | 2026 |  | 2,255 |  | - |  | - |  | 2,255 |
|  | 2,350 | (9)(36) | 5617 | 6086 | Term | 6.170 |  | 2027 |  | 2,350 |  | - |  | - |  | 2,350 |
|  | 2,445 | (9)(36) | 6087 | 6575 | Term | 6.170 |  | 2028 |  | 2,445 |  | - |  | - |  | 2,445 |
|  | 2,545 | (9)(36) | 6576 | 7084 | Term | 6.170 |  | 2029 |  | 2,545 |  | - |  | - |  | 2,545 |
|  | 2,650 | (9)(36) | 7085 | 7614 | Term | 6.170 |  | 2030 |  | 2,650 |  | - |  | - |  | 2,650 |
|  | 2,760 | (9)(36) | 7615 | 8166 | Term | 6.170 |  | 2031 |  | 2,760 |  | - |  | - |  | 2,760 |
|  | 2,870 | (9)(36) | 8167 | 8740 | Term | 6.170 |  | 2032 |  | 2,870 |  | - |  | - |  | 2,870 |
|  | 2,990 | (9)(36) | 8741 | 9338 | Term | 6.220 |  | 2033 |  | 2,990 |  | - |  | - |  | 2,990 |
|  | 33,560 | (9)(36) | 9339 | 16050 | Term | 6.220 |  | 2034 |  | 33,560 |  | - |  | - |  | 33,560 |
|  | 4,495 | (9)(36) | 16051 | 16949 | Term | 5.920 |  | 2035 |  | 4,495 |  | - |  | - |  | 4,495 |
|  | 4,670 | (9)(36) | 16950 | 17883 | Term | 5.920 |  | 2036 |  | 4,670 |  | - |  | - |  | 4,670 |
|  | 4,855 | (9)(36) | 17884 | 18854 | Term | 5.920 |  | 2037 |  | 4,855 |  | - |  | - |  | 4,855 |
|  | 5,045 | (9)(36) | 18855 | 19863 | Term | 5.920 |  | 2038 |  | 5,045 |  | - |  | - |  | 5,045 |
|  | 5,240 | (9)(36) | 19864 | 20911 | Term | 5.920 |  | 2039 |  | 5,240 |  | - |  | - |  | 5,240 |
|  | 5,445 | (9)(36) | 20912 | 22000 | Term | 5.920 |  | 2040 |  | 5,445 |  | - |  | - |  | 5,445 |
|  | \$ 110,000 |  |  |  |  |  |  |  | \$ | $\underline{\text { 110,000 }}$ | \$ | - | \$ | - | \$ | $\underline{\text { 110,000 }}$ |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System

## ANALYSIS OF CHANGES IN BONDED DEBT

For the Year Ended December 31, 2011

## (amounts in thousands)

WATER SYSTEM
REVENUE BONDS
Water System Revenue
Refunding Bonds - Series 2011
Paying Agent: USBank
Bonds Dated: 04-27-11

|  | $\begin{gathered} \text { Original } \\ \text { Issue } \\ \hline \end{gathered}$ | Call <br> Options | Bond <br> Numbers |  | Bond <br> Type | Interest Rates | Maturity Dates |  | Balances Outstanding January 1, 2011 |  |  | Transactions |  |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | Issued |  | Retired |  |  |
| \$ | - | NONE |  |  |  |  | - | 15-May |  |  | 2011 | \$ | - | \$ | - | \$ |  |  | - |
|  | 1,670 | NONE | 1 | 334 | Serial | 3.000 |  | 2012 |  | - |  | 1,670 |  | - |  | 1,670 |
|  | 1,960 | NONE | 335 | 726 | Serial | 3.000 |  | 2013 |  | - |  | 1,960 |  | - |  | 1,960 |
|  | 2,060 | NONE | 727 | 1138 | Serial | 4.000 |  | 2014 |  | - |  | 2,060 |  | - |  | 2,060 |
|  | 2,205 | NONE | 1139 | 1579 | Serial | 5.000 |  | 2015 |  | - |  | 2,205 |  | - |  | 2,205 |
|  | 2,340 | NONE | 1580 | 2047 | Serial | 4.000 |  | 2016 |  | - |  | 2,340 |  | - |  | 2,340 |
|  | 2,675 | NONE | 2048 | 2582 | Serial | 5.000 |  | 2017 |  | - |  | 2,675 |  | - |  | 2,675 |
|  | 2,855 | NONE | 2583 | 3153 | Serial | 5.000 |  | 2018 |  | - |  | 2,855 |  | - |  | 2,855 |
|  | 1,350 | NONE | 3154 | 3423 | Serial | 3.000 |  | 2019 |  | - |  | 1,350 |  | - |  | 1,350 |
|  | 1,585 | NONE | 3424 | 3740 | Serial | 5.000 |  | 2019 |  | - |  | 1,585 |  | - |  | 1,585 |
|  | 3,295 | NONE | 3741 | 4399 | Serial | 5.000 |  | 2020 |  | - |  | 3,295 |  | - |  | 3,295 |
|  | 3,505 | NONE | 4400 | 5100 | Serial | 5.000 |  | 2021 |  | - |  | 3,505 |  | - |  | 3,505 |
|  | 3,720 | (10) | 5101 | 5844 | Serial | 5.000 |  | 2022 |  | - |  | 3,720 |  | - |  | 3,720 |
|  | 3,950 | (10) | 5845 | 6634 | Serial | 5.000 |  | 2023 |  | - |  | 3,950 |  | - |  | 3,950 |
|  | 4,195 | (10) | 6635 | 7473 | Serial | 5.000 |  | 2024 |  | - |  | 4,195 |  | - |  | 4,195 |
|  | 4,455 | (10) | 7474 | 8364 | Serial | 5.000 |  | 2025 |  | - |  | 4,455 |  | - |  | 4,455 |
|  | 4,735 | (10) | 8365 | 9311 | Serial | 5.000 |  | 2026 |  | - |  | 4,735 |  | - |  | 4,735 |
| \$ | 46,555 |  |  |  |  |  |  |  | \$ | - | \$ | 46,555 | \$ | - | \$ | 46,555 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

## San Antonio Water System

## ANALYSIS OF CHANGES IN BONDED DEBT

For the Year Ended December 31, 2011
(amounts in thousands)

| WATER SYSTEM | Original Issue |  | Call | Bond <br> Numbers |  | Bond Type | Interest | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  | Rates |  |  |  | Issued |  | Retired |  |
| Water System Revenue | \$ | - | NONE |  |  |  |  | - | 15-May |  |  | 2011 | \$ | - | \$ | - | \$ |  | - |
| Refunding Bonds - Series 2011A |  | 665 | NONE | 1 | 133 | Serial | 2.000 |  | 2012 |  | - |  | 665 |  | - | 665 |
| Paying Agent: USBank |  | 5,400 | NONE | 134 | 1213 | Serial | 3.000 |  | 2013 |  | - |  | 5,400 |  | - | 5,400 |
| Bonds Dated: 10-06-11 |  | 1,385 | NONE | 1214 | 1490 | Serial | 2.000 |  | 2014 |  | - |  | 1,385 |  | - | 1,385 |
|  |  | 1,420 | NONE | 1491 | 1774 | Serial | 3.000 |  | 2015 |  | - |  | 1,420 |  | - | 1,420 |
|  |  | 1,460 | NONE | 1775 | 2066 | Serial | 3.000 |  | 2016 |  | - |  | 1,460 |  | - | 1,460 |
|  |  | 2,060 | NONE | 2067 | 2478 | Serial | 5.000 |  | 2017 |  | - |  | 2,060 |  | - | 2,060 |
|  |  | 1,600 | NONE | 2479 | 2798 | Serial | 5.000 |  | 2018 |  | - |  | 1,600 |  | - | 1,600 |
|  |  | 550 | NONE | 2799 | 2908 | Serial | 3.000 |  | 2018 |  | - |  | 550 |  |  | 550 |
|  |  | 3,985 | NONE | 2909 | 3705 | Serial | 4.000 |  | 2019 |  | - |  | 3,985 |  | - | 3,985 |
|  |  | 1,695 | NONE | 3706 | 4044 | Serial | 5.000 |  | 2020 |  | - |  | 1,695 |  | - | 1,695 |
|  |  | 3,705 | NONE | 4045 | 4785 | Serial | 4.000 |  | 2020 |  | - |  | 3,705 |  |  | 3,705 |
|  |  | 5,575 | (11) | 4786 | 5900 | Serial | 5.000 |  | 2021 |  | - |  | 5,575 |  | - | 5,575 |
|  |  | 1,000 | (11) | 5901 | 6100 | Serial | 3.250 |  | 2021 |  | - |  | 1,000 |  |  | 1,000 |
|  |  | 6,730 | (11) | 6101 | 7446 | Serial | 5.000 |  | 2022 |  | - |  | 6,730 |  | - | 6,730 |
|  |  | 7,890 | (11) | 7447 | 9024 | Serial | 5.000 |  | 2023 |  | - |  | 7,890 |  | - | 7,890 |
|  |  | 8,490 | (11) | 9025 | 10722 | Serial | 5.000 |  | 2024 |  | - |  | 8,490 |  | - | 8,490 |
|  |  | 8,930 | (11) | 10723 | 12508 | Serial | 5.000 |  | 2025 |  | - |  | 8,930 |  | - | 8,930 |
|  |  | 9,370 | (11) | 12509 | 14382 | Serial | 5.000 |  | 2026 |  | - |  | 9,370 |  | - | 9,370 |
|  |  | 5,585 | (11) | 14383 | 15499 | Serial | 5.000 |  | 2027 |  | - |  | 5,585 |  | - | 5,585 |
|  |  | 7,000 | (11) | 15500 | 16899 | Serial | 4.500 |  | 2027 |  | - |  | 7,000 |  |  | 7,000 |
|  |  | 14,445 | (11) | 16900 | 19788 | Serial | 5.000 |  | 2028 |  | - |  | 14,445 |  | - | 14,445 |
|  |  | 8,990 | (11) | 19789 | 21586 | Serial | 5.000 |  | 2029 |  | - |  | 8,990 |  | - | 8,990 |
|  |  | 9,450 | (11) | 21587 | 23476 | Serial | 5.000 |  | 2030 |  | - |  | 9,450 |  | - | 9,450 |
|  |  | 9,935 | (11) | 23477 | 25463 | Serial | 5.000 |  | 2031 |  | - |  | 9,935 |  | - | 9,935 |
|  |  | 10,445 | (11) | 25464 | 27552 | Serial | 5.000 |  | 2032 |  | - |  | 10,445 |  | - | 10,445 |
|  |  | 2,465 | (11)(37) | 27553 | 28045 | Term | 5.000 |  | 2033 |  | - |  | 2,465 |  | - | 2,465 |
|  |  | 2,590 | (11)(37) | 28046 | 28563 | Term | 5.000 |  | 2034 |  | - |  | 2,590 |  | - | 2,590 |
|  |  | 2,725 | (11)(37) | 28564 | 29108 | Term | 5.000 |  | 2035 |  | - |  | 2,725 |  | - | 2,725 |
|  |  | 2,865 | (11)(37) | 29109 | 29681 | Term | 5.000 |  | 2036 |  | - |  | 2,865 |  | - | 2,865 |
|  |  | 3,010 | (11)(37) | 29682 | 30283 | Term | 5.000 |  | 2037 |  | - |  | 3,010 |  | - | 3,010 |
|  |  | 3,165 | (11)(37) | 30284 | 30916 | Term | 5.000 |  | 2038 |  | - |  | 3,165 |  | - | 3,165 |
|  |  | 3,330 | (11)(37) | 30917 | 31582 | Term | 5.000 |  | 2039 |  | - |  | 3,330 |  | - | 3,330 |
|  |  | 3,500 | (11)(37) | 31583 | 32282 | Term | 5.000 |  | 2040 |  | - |  | 3,500 |  | - | 3,500 |
|  |  | 3,680 | (11)(37) | 32283 | 33018 | Term | 5.000 |  | 2041 |  | - |  | 3,680 |  | - | 3,680 |
|  | \$ | 165,090 |  |  |  |  |  |  |  | \$ | - | \$ | $\underline{\text { 165,090 }}$ | \$ | - | 165,090 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System

| San Antonio Water System <br> ANALYSIS OF CHANGES IN BONDED DEBT <br> For the Year Ended December 31, 2011 <br> (amounts in thousands) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WATER SYSTEM | Original Issue |  | Call | Bond <br> Numbers |  | BondType | Interest <br> Rates | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  | Balances Outstanding December 31, 2011 |  |
| REVENUE BONDS |  |  | Options |  |  |  |  |  |  | Issued |  | Retired |  |  |
| Water System Junior Lien | \$ | 5 | NONE | 1 |  |  | Serial | 1.850 \% | 15-May |  |  | 2002 | \$ | - | \$ |  | \$ | - |  | - |
| Revenue Bonds-Series 2001 |  | 5 | NONE | 2 |  | Serial | 2.050 |  | 2003 |  | - |  |  |  | - |  | - |
| Paying Agent: USBank |  | 5 | NONE | 3 |  | Serial | 2.150 |  | 2004 |  | - |  | - |  | - |  | - |
| Bonds Dated: 03-01-01 |  | 5 | NONE | 4 |  | Serial | 2.250 |  | 2005 |  | - |  | - |  | - |  | - |
|  |  | 5 | NONE | 5 |  | Serial | 2.400 |  | 2006 |  | - |  | - |  | - |  | - |
|  |  | 470 | NONE | 6 | 99 | Serial | 2.550 |  | 2007 |  | - |  | - |  | - |  | - |
|  |  | 470 | NONE | 100 | 193 | Serial | 2.650 |  | 2008 |  | - |  | - |  | - |  | - |
|  |  | 495 | NONE | 194 | 292 | Serial | 2.750 |  | 2009 |  | - |  | - |  | - |  | - |
|  |  | 515 | NONE | 293 | 395 | Serial | 2.800 |  | 2010 |  | - |  | - |  | - |  | - |
|  |  | 535 | NONE | 396 | 502 | Serial | 2.900 |  | 2011 |  | 535 |  | - |  | 535 |  | - |
|  |  | 555 | (12) | 503 | 613 | Serial | 3.000 |  | 2012 |  | 555 |  | - |  | - |  | 555 |
|  |  | 650 | (12) | 614 | 743 | Serial | 3.150 |  | 2013 |  | 650 |  | - |  | - |  | 650 |
|  |  | 670 | (12) | 744 | 877 | Serial | 3.250 |  | 2014 |  | 670 |  | - |  | - |  | 670 |
|  |  | 700 | (12) | 878 | 1017 | Serial | 3.350 |  | 2015 |  | 700 |  | - |  | - |  | 700 |
|  |  | 730 | (12) | 1018 | 1163 | Serial | 3.450 |  | 2016 |  | 730 |  | - |  | - |  | 730 |
|  |  | 555 | (12) | 1164 | 1274 | Serial | 3.500 |  | 2017 |  | 555 |  | - |  | - |  | 555 |
|  |  | 585 | (12) | 1275 | 1391 | Serial | 3.550 |  | 2018 |  | 585 |  | - |  | - |  | 585 |
|  |  | 1,400 | (12) | 1392 | 1671 | Serial | 3.600 |  | 2019 |  | 1,400 |  | - |  | - |  | 1,400 |
|  |  | 670 | (12) | 1672 | 1805 | Serial | 3.650 |  | 2020 |  | 670 |  | - |  | - |  | 670 |
|  |  | 690 | (12) | 1806 | 1943 | Serial | 3.700 |  | 2021 |  | 690 |  | - |  | $-$ |  | 690 |
|  | \$ | $\underline{9,715}$ |  |  |  |  |  |  |  | \$ | 7,740 | \$ | - | \$ | 535 | \$ | 7,205 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

## San Antonio Water System

## ANALYSIS OF CHANGES IN BONDED DEBT

For the Year Ended December 31, 2011
(amounts in thousands)

| WATER SYSTEM | Original Issue |  | Call | Bond <br> Numbers |  | Bond <br> Type | Interest Rates | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  | Balances Outstanding <br> December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  |  |  |  |  |  |  | Retired |  |
| Water System Junior Lien | \$ | 5 | NONE | 1 |  |  | Serial | 2.350 \% | 15-May |  |  | 2002 | \$ | - | \$ | - | \$ | - | \$ |
| Revenue Bonds-Series 2001-A |  | 5 | NONE | 2 |  | Serial | 2.550 |  | 2003 |  | - |  | - |  | - |  |
| Paying Agent: USBank |  | 5 | NONE | 3 |  | Serial | 2.650 |  | 2004 |  | - |  | - |  | - |  |
| Bonds Dated: 03-01-01 |  | 5 | NONE | 4 |  | Serial | 2.750 |  | 2005 |  | - |  | - |  | - |  |
|  |  | 5 | NONE | 5 |  | Serial | 2.900 |  | 2006 |  | - |  | - |  | - |  |
|  |  | 750 | NONE | 6 | 155 | Serial | 3.050 |  | 2007 |  | - |  | - |  | - |  |
|  |  | 785 | NONE | 156 | 312 | Serial | 3.150 |  | 2008 |  | - |  | - |  | - |  |
|  |  | 815 | NONE | 313 | 475 | Serial | 3.250 |  | 2009 |  | - |  | - |  | - |  |
|  |  | 845 | NONE | 476 | 644 | Serial | 3.300 |  | 2010 |  | - |  | - |  | - |  |
|  |  | 880 | NONE | 645 | 820 | Serial | 3.400 |  | 2011 |  | 880 |  | - |  | 880 |  |
|  |  | 920 | (13) | 821 | 1004 | Serial | 3.500 |  | 2012 |  | 920 |  | - |  | - |  |
|  |  | 965 | (13) | 1005 | 1197 | Serial | 3.650 |  | 2013 |  | 965 |  | - |  | - |  |
|  |  | 1,015 | (13) | 1198 | 1400 | Serial | 3.750 |  | 2014 |  | 1,015 |  | - |  | - |  |
|  |  | 1,050 | (13) | 1401 | 1610 | Serial | 3.850 |  | 2015 |  | 1,050 |  | - |  | - |  |
|  |  | 1,115 | (13) | 1611 | 1833 | Serial | 3.950 |  | 2016 |  | 1,115 |  | - |  | - |  |
|  |  | 1,155 | (13) | 1834 | 2064 | Serial | 4.000 |  | 2017 |  | 1,155 |  | - |  | - |  |
|  |  | 1,215 | (13) | 2065 | 2307 | Serial | 4.050 |  | 2018 |  | 1,215 |  | - |  | - |  |
|  |  | 1,315 | (13) | 2308 | 2570 | Serial | 4.100 |  | 2019 |  | 1,315 |  | - |  | - |  |
|  |  | 1,250 | (13) | 2571 | 2820 | Serial | 4.150 |  | 2020 |  | 1,250 |  | - |  | - |  |
|  |  | 1,335 | (13) | 2821 | 3087 | Serial | 4.200 |  | 2021 |  | 1,335 |  | - |  | - |  |
|  | \$ | 15,435 |  |  |  |  |  |  |  | \$ | $\underline{12,215}$ | \$ | - | \$ | 880 | \$ |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

## San Antonio Water System

ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011

| WATER SYSTEM | Original <br> Issue |  | Call Options | Bond <br> Numbers |  | Bond Type | Interest | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Rates |  |  | Issued | Retired |  |  |  |  |  |
| Water System Junior Lien | \$ | - |  | NONE |  |  |  |  |  |  | - | 15-May | 2002 | \$ | - | \$ | - | \$ | - | \$ | - |
| Revenue Bonds - Series 2002 |  | 5 | NONE | 1 |  | Serial | 0.000 |  | 2003 |  | - |  | - |  | - |  | - |
| Paying Agent: Bank of New York |  | 5 | NONE | 2 |  | Serial | 0.550 |  | 2004 |  | - |  | - |  | - |  | - |
| Bonds Dated: 03-01-02 |  | 5 | NONE | 3 |  | Serial | 1.000 |  | 2005 |  | - |  | - |  | - |  | - |
|  |  | 5 | NONE | 4 |  | Serial | 1.350 |  | 2006 |  | - |  | - |  | - |  | - |
|  |  | 805 | NONE | 5 | 165 | Serial | 1.700 |  | 2007 |  | - |  | - |  | - |  | - |
|  |  | 820 | NONE | 165 | 329 | Serial | 1.900 |  | 2008 |  | - |  | - |  | - |  | - |
|  |  | 835 | NONE | 330 | 496 | Serial | 2.100 |  | 2009 |  | - |  | - |  | - |  | - |
|  |  | 855 | NONE | 497 | 667 | Serial | 2.250 |  | 2010 |  | - |  | - |  | - |  | - |
|  |  | 875 | NONE | 668 | 842 | Serial | 2.350 |  | 2011 |  | 875 |  | - |  | 875 |  | - |
|  |  | 895 | NONE | 843 | 1021 | Serial | 2.450 |  | 2012 |  | 895 |  | - |  | - |  | 895 |
|  |  | 920 | (14) | 1022 | 1205 | Serial | 2.600 |  | 2013 |  | 920 |  | - |  | - |  | 920 |
|  |  | 945 | (14) | 1206 | 1394 | Serial | 2.750 |  | 2014 |  | 945 |  | - |  | - |  | 945 |
|  |  | 970 | (14) | 1395 | 1588 | Serial | 2.850 |  | 2015 |  | 970 |  | - |  | - |  | 970 |
|  |  | 1,000 | (14) | 1589 | 1788 | Serial | 2.950 |  | 2016 |  | 1,000 |  | - |  | - |  | 1,000 |
|  |  | 1,030 | (14) | 1789 | 1994 | Serial | 3.050 |  | 2017 |  | 1,030 |  | - |  | - |  | 1,030 |
|  |  | 1,065 | (14) | 1995 | 2207 | Serial | 3.150 |  | 2018 |  | 1,065 |  | - |  | - |  | 1,065 |
|  |  | 1,100 | (14) | 2208 | 2427 | Serial | 3.200 |  | 2019 |  | 1,100 |  | - |  | - |  | 1,100 |
|  |  | 1,135 | (14) | 2428 | 2654 | Serial | 3.250 |  | 2020 |  | 1,135 |  | - |  | - |  | 1,135 |
|  |  | 1,170 | (14) | 2655 | 2888 | Serial | 3.300 |  | 2021 |  | 1,170 |  | - |  | - |  | 1,170 |
|  |  | 1,210 | (14) | 2889 | 3130 | Serial | 3.300 |  | 2022 |  | 1,210 |  | - |  | $-$ |  | 1,210 |
|  | \$ | $\underline{15,650}$ |  |  |  |  |  |  |  | \$ | 12,315 | \$ | - | \$ | 875 | \$ | $\underline{ }$ |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011 (amounts in thousands)


Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011
(amounts in thousands)

| WATER SYSTEM | OriginalIssue |  | Call | Bond <br> Numbers |  | $\begin{aligned} & \text { Bond } \\ & \text { Type } \\ & \hline \end{aligned}$ | Interest | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  | Rates |  |  |  | Issued |  | ired |  |  |
| Water System Junior Lien | \$ | - | NONE |  |  |  |  | - | 15-May |  |  | 2003 | \$ |  | \$ | - |  | - |  | - |
| Revenue Bonds - Series 2003 |  | 5 | NONE | 1 |  | Serial | 0.000 |  | 2004 |  | - |  | - |  | - |  | - |
| Paying Agent: USBank |  | 5 | NONE | 2 |  | Serial | 0.000 |  | 2005 |  |  |  | - |  | - |  | - |
| Bonds Dated: 03-01-03 |  | 5 | NONE | 3 |  | Serial | 0.100 |  | 2006 |  | - |  | - |  | - |  | - |
|  |  | 5 | NONE | 4 |  | Serial | 0.600 |  | 2007 |  | - |  | - |  | - |  | - |
|  |  | 5 | NONE | 5 |  | Serial | 0.900 |  | 2008 |  | - |  | - |  | - |  | - |
|  |  | 1,930 | NONE | 6 | 391 | Serial | 1.300 |  | 2009 |  | - |  | - |  | - |  | - |
|  |  | 1,960 | NONE | 392 | 783 | Serial | 1.650 |  | 2010 |  | - |  | - |  | - |  | - |
|  |  | 1,995 | NONE | 784 | 1182 | Serial | 1.900 |  | 2011 |  | 1,995 |  | - |  | 1,995 |  | - |
|  |  | 2,035 | NONE | 1183 | 1589 | Serial | 2.050 |  | 2012 |  | 2,035 |  | - |  | - |  | 2,035 |
|  |  | 2,075 | NONE | 1590 | 2004 | Serial | 2.200 |  | 2013 |  | 2,075 |  | - |  | - |  | 2,075 |
|  |  | 2,125 | (16) | 2005 | 2429 | Serial | 2.300 |  | 2014 |  | 2,125 |  | - |  | - |  | 2,125 |
|  |  | 2,175 | (16) | 2430 | 2864 | Serial | 2.400 |  | 2015 |  | 2,175 |  | - |  | - |  | 2,175 |
|  |  | 2,230 | (16) | 2865 | 3310 | Serial | 2.500 |  | 2016 |  | 2,230 |  | - |  | - |  | 2,230 |
|  |  | 2,285 | (16) | 3311 | 3767 | Serial | 2.650 |  | 2017 |  | 2,285 |  | - |  | - |  | 2,285 |
|  |  | 2,350 | (16) | 3768 | 4237 | Serial | 2.750 |  | 2018 |  | 2,350 |  | - |  | - |  | 2,350 |
|  |  | 2,415 | (16) | 4238 | 4720 | Serial | 2.800 |  | 2019 |  | 2,415 |  | - |  | - |  | 2,415 |
|  |  | 2,485 | (16) | 4721 | 5217 | Serial | 2.900 |  | 2020 |  | 2,485 |  | - |  | - |  | 2,485 |
|  |  | 2,560 | (16) | 5218 | 5729 | Serial | 2.950 |  | 2021 |  | 2,560 |  | - |  | - |  | 2,560 |
|  |  | 2,635 | (16) | 5730 | 6256 | Serial | 3.050 |  | 2022 |  | 2,635 |  | - |  | - |  | 2,635 |
|  |  | 2,720 | (16) | 6257 | 6800 | Serial | 3.100 |  | 2023 |  | 2,720 |  | - |  | - |  | 2,720 |
|  | \$ | 34,000 |  |  |  |  |  |  |  | \$ | 30,085 | \$ | - | \$ | 1,995 | \$ | 28,090 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011 (amounts in thousands)

| WATER SYSTEM | $\begin{gathered} \text { Original } \\ \text { Issue } \\ \hline \end{gathered}$ |  | Call | Bond <br> Numbers |  | Bond Type | Interest Rates | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances <br> Outstanding <br> December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  |  |  |  |  | Issued |  | Retired |  |  |
| Water System Junior Lien | \$ |  | NONE |  |  |  |  | - | 15-May |  |  | 2004 | \$ | - | \$ | - | \$ | - | \$ | - |
| Revenue and Refunding |  | 5 | NONE | 1 |  | Serial | 0.000 |  | 2005 |  | - |  | - |  | - |  | - |
| Bonds - Series 2004 |  | 5 | NONE | 2 |  | Serial | 0.300 |  | 2006 |  | - |  | - |  | - |  | - |
| Paying Agent: USBank |  | 5 | NONE | 3 |  | Serial | 0.750 |  | 2007 |  | - |  | - |  | - |  | - |
| Bonds Dated: 07-01-04 |  | 5 | NONE | 4 |  | Serial | 1.100 |  | 2008 |  | - |  | - |  | - |  | - |
|  |  | 5 | NONE | 5 |  | Serial | 1.450 |  | 2009 |  | - |  | - |  | - |  | - |
|  |  | 595 | NONE | 6 | 124 | Serial | 1.650 |  | 2010 |  | - |  | - |  | - |  | - |
|  |  | 605 | NONE | 125 | 245 | Serial | 1.900 |  | 2011 |  | 605 |  | - |  | 605 |  | - |
|  |  | 620 | NONE | 246 | 369 | Serial | 2.100 |  | 2012 |  | 620 |  | - |  | - |  | 620 |
|  |  | 630 | NONE | 370 | 495 | Serial | 2.250 |  | 2013 |  | 630 |  | - |  | - |  | 630 |
|  |  | 645 | NONE | 496 | 624 | Serial | 2.350 |  | 2014 |  | 645 |  | - |  | - |  | 645 |
|  |  | 660 | (17) | 625 | 756 | Serial | 2.450 |  | 2015 |  | 660 |  | - |  | - |  | 660 |
|  |  | 680 | (17) | 757 | 892 | Serial | 2.550 |  | 2016 |  | 680 |  | - |  | - |  | 680 |
|  |  | 695 | (17) | 893 | 1031 | Serial | 2.650 |  | 2017 |  | 695 |  | - |  | - |  | 695 |
|  |  | 715 | (17) | 1032 | 1174 | Serial | 2.750 |  | 2018 |  | 715 |  | - |  | - |  | 715 |
|  |  | 735 | (17) | 1175 | 1321 | Serial | 2.800 |  | 2019 |  | 735 |  | - |  | - |  | 735 |
|  |  | 760 | (17) | 1322 | 1473 | Serial | 2.900 |  | 2020 |  | 760 |  | - |  | - |  | 760 |
|  |  | 780 | (17) | 1474 | 1629 | Serial | 2.950 |  | 2021 |  | 780 |  | - |  | - |  | 780 |
|  |  | 805 | (17) | 1630 | 1790 | Serial | 3.050 |  | 2022 |  | 805 |  | - |  | - |  | 805 |
|  |  | 830 | (17) | 1791 | 1956 | Serial | 3.100 |  | 2023 |  | 830 |  | - |  | - |  | 830 |
|  |  | 855 | (17) | 1957 | 2127 | Serial | 3.200 |  | 2024 |  | 855 |  | - |  | $-$ |  | 855 |
|  | \$ | $\underline{ }$ |  |  |  |  |  |  |  | \$ | $\underline{ }$ | \$ | - | \$ | $\underline{605}$ | \$ | 9,410 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011 (amounts in thousands)

| WATER SYSTEM | $\begin{gathered} \text { Original } \\ \text { Issue } \\ \hline \end{gathered}$ |  | Call | Bond <br> Numbers |  | $\begin{gathered} \text { Bond } \\ \text { Type } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Interest } \\ \text { Rates } \\ \hline \end{gathered}$ | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  |  |  |  |  | Issued |  | Retired |  |  |
| Water System Junior Lien | \$ | - | NONE |  |  |  |  | - | 15-May |  |  | 2004 | \$ | - | \$ |  | \$ |  |  | - |
| Revenue and Refunding |  | 5 | NONE | 1 |  | Serial | 0.750 |  | 2005 |  | - |  | - |  | - |  | - |
| Bonds - Series 2004-A |  | 5 | NONE | 2 |  | Serial | 1.300 |  | 2006 |  | - |  | - |  | - |  | - |
| Paying Agent: USBank |  | 5 | NONE | 3 |  | Serial | 1.750 |  | 2007 |  | - |  | - |  | - |  | - |
| Bonds Dated: 07-01-04 |  | 5 | NONE | 4 |  | Serial | 2.100 |  | 2008 |  | - |  | - |  | - |  | - |
|  |  | 5 | NONE | 5 |  | Serial | 2.450 |  | 2009 |  | - |  | - |  | - |  | - |
|  |  | 1,370 | NONE | 6 | 279 | Serial | 2.650 |  | 2010 |  | - |  | - |  | - |  | - |
|  |  | 1,410 | NONE | 280 | 561 | Serial | 2.900 |  | 2011 |  | 1,410 |  | - |  | 1,410 |  | - |
|  |  | 1,450 | NONE | 562 | 851 | Serial | 3.100 |  | 2012 |  | 1,450 |  | - |  | - |  | 1,450 |
|  |  | 1,495 | NONE | 852 | 1150 | Serial | 3.250 |  | 2013 |  | 1,495 |  | - |  | - |  | 1,495 |
|  |  | 1,550 | NONE | 1151 | 1460 | Serial | 3.350 |  | 2014 |  | 1,550 |  | - |  | - |  | 1,550 |
|  |  | 1,600 | (18) | 1461 | 1780 | Serial | 3.450 |  | 2015 |  | 1,600 |  | - |  | - |  | 1,600 |
|  |  | 1,660 | (18) | 1781 | 2112 | Serial | 3.550 |  | 2016 |  | 1,660 |  | - |  | - |  | 1,660 |
|  |  | 1,720 | (18) | 2113 | 2456 | Serial | 3.650 |  | 2017 |  | 1,720 |  | - |  | - |  | 1,720 |
|  |  | 1,785 | (18) | 2457 | 2813 | Serial | 3.750 |  | 2018 |  | 1,785 |  | - |  | - |  | 1,785 |
|  |  | 1,855 | (18) | 2814 | 3184 | Serial | 3.800 |  | 2019 |  | 1,855 |  | - |  | - |  | 1,855 |
|  |  | 1,925 | (18) | 3185 | 3569 | Serial | 3.900 |  | 2020 |  | 1,925 |  | - |  | - |  | 1,925 |
|  |  | 2,000 | (18) | 3570 | 3969 | Serial | 3.950 |  | 2021 |  | 2,000 |  | - |  | - |  | 2,000 |
|  |  | 2,085 | (18) | 3970 | 4386 | Serial | 4.050 |  | 2022 |  | 2,085 |  | - |  | - |  | 2,085 |
|  |  | 2,170 | (18) | 4387 | 4820 | Serial | 4.100 |  | 2023 |  | 2,170 |  | - |  | - |  | 2,170 |
|  |  | 2,265 | (18) | 4821 | 5273 | Serial | 4.200 |  | 2024 |  | 2,265 |  | - |  | - |  | 2,265 |
|  | \$ | $\underline{\text { 26,365 }}$ |  |  |  |  |  |  |  | \$ | $\underline{ }$ 24,970 | \$ | - | \$ | 1,410 | \$ | $\underline{23,560}$ |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011 (amounts in thousands)

| WATER SYSTEM | OriginalIssue |  | Call | Bond <br> Numbers |  | Bond Type | Interest | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  | Rates |  |  |  | Issued |  | Retired |  |  |
| Water System Junior Lien | \$ | - | NONE |  |  |  |  | - | 15-May |  |  | 2007 | \$ | - |  | - | \$ |  |  | - |
| Revenue and Refunding |  | 335 | NONE | 1 | 67 | Serial | 1.700 |  | 2008 |  | - |  | - |  | - |  | - |
| Bonds - Series 2007 |  | 340 | NONE | 68 | 135 | Serial | 1.700 |  | 2009 |  | - |  | - |  | - |  | - |
| Paying Agent: USBank |  | 350 | NONE | 136 | 205 | Serial | 1.700 |  | 2010 |  | - |  | - |  | - |  | - |
| Bonds Dated: 01-23-07 |  | 355 | NONE | 206 | 276 | Serial | 1.700 |  | 2011 |  | 355 |  | - |  | 355 |  | - |
|  |  | 360 | NONE | 277 | 348 | Serial | 1.700 |  | 2012 |  | 360 |  | - |  | - |  | 360 |
|  |  | 365 | NONE | 349 | 421 | Serial | 1.750 |  | 2013 |  | 365 |  | - |  | - |  | 365 |
|  |  | 370 | NONE | 422 | 495 | Serial | 1.800 |  | 2014 |  | 370 |  | - |  | - |  | 370 |
|  |  | 380 | NONE | 496 | 571 | Serial | 1.850 |  | 2015 |  | 380 |  | - |  | - |  | 380 |
|  |  | 385 | NONE | 572 | 648 | Serial | 1.900 |  | 2016 |  | 385 |  | - |  | - |  | 385 |
|  |  | 395 | NONE | 649 | 727 | Serial | 1.950 |  | 2017 |  | 395 |  | - |  | - |  | 395 |
|  |  | 400 | (19) | 728 | 807 | Serial | 2.000 |  | 2018 |  | 400 |  | - |  | - |  | 400 |
|  |  | 410 | (19) | 808 | 889 | Serial | 2.050 |  | 2019 |  | 410 |  | - |  | - |  | 410 |
|  |  | 420 | (19) | 890 | 973 | Serial | 2.100 |  | 2020 |  | 420 |  | - |  | - |  | 420 |
|  |  | 430 | (19) | 974 | 1059 | Serial | 2.150 |  | 2021 |  | 430 |  | - |  | - |  | 430 |
|  |  | 435 | (19) | 1060 | 1146 | Serial | 2.200 |  | 2022 |  | 435 |  | - |  | - |  | 435 |
|  |  | 445 | (19) | 1147 | 1235 | Serial | 2.250 |  | 2023 |  | 445 |  | - |  | - |  | 445 |
|  |  | 455 | (19) | 1236 | 1326 | Serial | 2.250 |  | 2024 |  | 455 |  | - |  | - |  | 455 |
|  |  | 470 | (19) | 1327 | 1420 | Serial | 2.300 |  | 2025 |  | 470 |  | - |  | - |  | 470 |
|  |  | 480 | (19) | 1421 | 1516 | Serial | 2.300 |  | 2026 |  | 480 |  | - |  | - |  | 480 |
|  |  | 490 | (19) | 1517 | 1614 | Serial | 2.400 |  | 2027 |  | 490 |  | - |  | - |  | 490 |
|  | \$ | $\xrightarrow{8,070}$ |  |  |  |  |  |  |  | \$ | 7,045 | \$ | - | \$ | 355 | \$ | 6,690 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011 (amounts in thousands)

| WATER SYSTEM | OriginalIssue |  | Call | Bond <br> Numbers |  | Bond Type | Interest | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  | Rates |  |  |  | Issued |  | Retired |  |  |
| Water System Junior Lien | \$ | - | NONE |  |  |  |  | - | 15-May |  |  | 2007 | \$ | - | \$ | - |  |  |  | - |
| Revenue and Refunding |  | 1,330 | NONE | 1 | 266 | Serial | 2.700 |  | 2008 |  | - |  | - |  | - |  | - |
| Bonds - Series 2007A |  | 1,365 | NONE | 267 | 539 | Serial | 2.700 |  | 2009 |  | - |  | - |  | - |  | - |
| Paying Agent: USBank |  | 1,400 | NONE | 540 | 819 | Serial | 2.700 |  | 2010 |  | - |  | - |  | - |  | - |
| Bonds Dated: 01-23-07 |  | 1,440 | NONE | 820 | 1107 | Serial | 2.700 |  | 2011 |  | 1,440 |  | - |  | 1,440 |  | - |
|  |  | 1,480 | NONE | 1108 | 1403 | Serial | 2.700 |  | 2012 |  | 1,480 |  | - |  | - |  | 1,480 |
|  |  | 1,520 | NONE | 1404 | 1707 | Serial | 2.750 |  | 2013 |  | 1,520 |  | - |  | - |  | 1,520 |
|  |  | 1,565 | NONE | 1708 | 2020 | Serial | 2.800 |  | 2014 |  | 1,565 |  | - |  | - |  | 1,565 |
|  |  | 1,610 | NONE | 2021 | 2342 | Serial | 2.850 |  | 2015 |  | 1,610 |  | - |  | - |  | 1,610 |
|  |  | 1,655 | NONE | 2343 | 2673 | Serial | 2.900 |  | 2016 |  | 1,655 |  | - |  | - |  | 1,655 |
|  |  | 1,705 | NONE | 2674 | 3014 | Serial | 2.950 |  | 2017 |  | 1,705 |  | - |  | - |  | 1,705 |
|  |  | 1,755 | (20) | 3015 | 3365 | Serial | 3.000 |  | 2018 |  | 1,755 |  | - |  | - |  | 1,755 |
|  |  | 1,810 | (20) | 3366 | 3727 | Serial | 3.050 |  | 2019 |  | 1,810 |  | - |  | - |  | 1,810 |
|  |  | 1,865 | (20) | 3728 | 4100 | Serial | 3.100 |  | 2020 |  | 1,865 |  | - |  | - |  | 1,865 |
|  |  | 1,925 | (20) | 4101 | 4485 | Serial | 3.150 |  | 2021 |  | 1,925 |  | - |  | - |  | 1,925 |
|  |  | 1,985 | (20) | 4486 | 4882 | Serial | 3.200 |  | 2022 |  | 1,985 |  | - |  | - |  | 1,985 |
|  |  | 2,050 | (20) | 4883 | 5292 | Serial | 3.250 |  | 2023 |  | 2,050 |  | - |  | - |  | 2,050 |
|  |  | 2,120 | (20) | 5293 | 5716 | Serial | 3.250 |  | 2024 |  | 2,120 |  | - |  | - |  | 2,120 |
|  |  | 2,190 | (20) | 5717 | 6154 | Serial | 3.300 |  | 2025 |  | 2,190 |  | - |  | - |  | 2,190 |
|  |  | 2,265 | (20) | 6155 | 6607 | Serial | 3.300 |  | 2026 |  | 2,265 |  | - |  | - |  | 2,265 |
|  |  | 2,340 | (20) | 6608 | 7075 | Serial | 3.400 |  | 2027 |  | 2,340 |  | - |  | - |  | 2,340 |
|  | \$ | $\underline{35,375}$ |  |  |  |  |  |  |  | \$ | 31,280 | \$ | - | \$ | 1,440 | \$ | 29,840 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011 (amounts in thousands)

| WATER SYSTEM | $\begin{gathered} \text { Original } \\ \text { Issue } \\ \hline \end{gathered}$ |  | Call | Bond <br> Numbers |  | $\begin{aligned} & \text { Bond } \\ & \text { Type } \\ & \hline \end{aligned}$ | Interest | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances <br> Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  | Rates |  |  |  | Issued |  | Retired |  |  |
| Water System Junior Lien | \$ | - | NONE |  |  |  |  | - | 15-May |  |  | 2008 | \$ | - |  | - | \$ |  |  | - |
| Revenue Bonds-Series 2008 |  | 800 | NONE | 1 | 160 | Serial | 0.100 |  | 2009 |  | - |  | - |  | - |  | - |
| Paying Agent: Wells Fargo |  | 690 | NONE | 161 | 298 | Serial | 0.550 |  | 2010 |  | - |  | - |  | - |  | - |
| Bonds Dated: 12-04-08 |  | 695 | NONE | 299 | 437 | Serial | 0.850 |  | 2011 |  | 695 |  | - |  | 695 |  | - |
|  |  | 700 | NONE | 438 | 577 | Serial | 1.150 |  | 2012 |  | 700 |  | - |  | - |  | 700 |
|  |  | 710 | NONE | 578 | 719 | Serial | 1.350 |  | 2013 |  | 710 |  | - |  | - |  | 710 |
|  |  | 720 | NONE | 720 | 863 | Serial | 1.650 |  | 2014 |  | 720 |  | - |  | - |  | 720 |
|  |  | 730 | NONE | 864 | 1009 | Serial | 1.850 |  | 2015 |  | 730 |  | - |  | - |  | 730 |
|  |  | 745 | NONE | 1010 | 1158 | Serial | 2.050 |  | 2016 |  | 745 |  | - |  | - |  | 745 |
|  |  | 760 | NONE | 1159 | 1310 | Serial | 2.250 |  | 2017 |  | 760 |  | - |  | - |  | 760 |
|  |  | 780 | NONE | 1311 | 1466 | Serial | 2.450 |  | 2018 |  | 780 |  | - |  | - |  | 780 |
|  |  | 800 | (21) | 1467 | 1626 | Serial | 2.700 |  | 2019 |  | 800 |  | - |  | - |  | 800 |
|  |  | 825 | (21) | 1627 | 1791 | Serial | 2.900 |  | 2020 |  | 825 |  | - |  | - |  | 825 |
|  |  | 850 | (21) | 1792 | 1961 | Serial | 3.050 |  | 2021 |  | 850 |  | - |  | - |  | 850 |
|  |  | 875 | (21) | 1962 | 2136 | Serial | 3.200 |  | 2022 |  | 875 |  | - |  | - |  | 875 |
|  |  | 905 | (21) | 2137 | 2317 | Serial | 3.250 |  | 2023 |  | 905 |  | - |  | - |  | 905 |
|  |  | 935 | (21) | 2318 | 2504 | Serial | 3.450 |  | 2024 |  | 935 |  | - |  | - |  | 935 |
|  |  | 970 | (21) | 2505 | 2698 | Serial | 3.550 |  | 2025 |  | 970 |  | - |  | - |  | 970 |
|  |  | 1,005 | (21) | 2699 | 2899 | Serial | 3.600 |  | 2026 |  | 1,005 |  | - |  | - |  | 1,005 |
|  |  | 1,040 | (21) | 2900 | 3107 | Serial | 3.650 |  | 2027 |  | 1,040 |  | - |  | - |  | 1,040 |
|  |  | 1,080 | (21) | 3108 | 3323 | Serial | 3.650 |  | 2028 |  | 1,080 |  | - |  | - |  | 1,080 |
|  |  | 1,120 | (21) | 3324 | 3547 | Serial | 3.750 |  | 2029 |  | 1,120 |  | - |  | - |  | 1,120 |
|  |  | 1,165 | (21) | 3548 | 3780 | Serial | 3.800 |  | 2030 |  | 1,165 |  | - |  | - |  | 1,165 |
|  |  | 1,210 | (21) | 3781 | 4022 | Serial | 3.800 |  | 2031 |  | 1,210 |  | - |  | - |  | 1,210 |
|  |  | 1,255 | (21) | 4023 | 4273 | Serial | 3.850 |  | 2032 |  | 1,255 |  | - |  | - |  | 1,255 |
|  |  | 1,305 | (21) | 4274 | 4534 | Serial | 3.850 |  | 2033 |  | 1,305 |  | - |  | - |  | 1,305 |
|  |  | 1,355 | (21) | 4535 | 4805 | Serial | 3.850 |  | 2034 |  | 1,355 |  | - |  | - |  | 1,355 |
|  |  | 1,410 | (21) | 4806 | 5087 | Serial | 3.850 |  | 2035 |  | 1,410 |  | - |  | - |  | 1,410 |
|  |  | 1,465 | (21) | 5088 | 5380 | Serial | 3.850 |  | 2036 |  | 1,465 |  | - |  | - |  | 1,465 |
|  |  | 1,520 | (21) | 5381 | 5684 | Serial | 3.850 |  | 2037 |  | 1,520 |  | - |  | - |  | 1,520 |
|  |  | 1,580 | (21) | 5685 | 6000 | Serial | 3.950 |  | 2038 |  | 1,580 |  | - |  | $-$ |  | 1,580 |
|  | \$ | $\underline{ }$ 30,000 |  |  |  |  |  |  |  | \$ | 28,510 | \$ | - | \$ | 695 | \$ | $\underline{ }$ 27,815 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011 (amounts in thousands)


Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

## San Antonio Water System

## ANALYSIS OF CHANGES IN BONDED DEBT

For the Year Ended December 31, 2011 (amounts in thousands)


Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System
ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011 (amounts in thousands)

| WATER SYSTEM | Original Issue |  | Call | Bond <br> Numbers |  | Bond <br> Type | Interest | Maturity Dates |  | Balances Outstanding January 1, 2011 |  |  | Transactions |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  | Rates |  |  |  | Issued |  | Retired |  |
| Water System Junior Lien | \$ | - | NONE |  |  |  |  | - | 15-May |  |  | 2009 | \$ |  | \$ |  | \$ |  | - |
| Revenue and Refunding |  | - | NONE |  |  |  | - |  | 2010 |  | - |  | - |  | - | - |
| Bonds-Series 2009A |  | - | NONE |  |  |  | - |  | 2011 |  | - |  | - |  | - | - |
| Paying Agent: Wells Fargo |  | - | NONE |  |  |  | - |  | 2012 |  | - |  |  |  | - | - |
| Bonds Dated: 11-01-09 |  | - | NONE |  |  |  | - |  | 2013 |  | - |  | - |  | - | - |
|  |  | - | NONE |  |  |  | - |  | 2014 |  | - |  | - |  | - | - |
|  |  | - | NONE |  |  |  | - |  | 2015 |  | - |  | - |  | - | - |
|  |  | 2,240 | NONE | 1 | 448 | Serial | 0.644 |  | 2016 |  | 2,240 |  | - |  | - | 2,240 |
|  |  | 2,255 | NONE | 449 | 899 | Serial | 0.854 |  | 2017 |  | 2,255 |  | - |  | - | 2,255 |
|  |  | 2,275 | NONE | 900 | 1354 | Serial | 1.064 |  | 2018 |  | 2,275 |  | - |  | - | 2,275 |
|  |  | 2,305 | NONE | 1355 | 1815 | Serial | 1.372 |  | 2019 |  | 2,305 |  | - |  | - | 2,305 |
|  |  | 2,340 | (24) | 1816 | 2283 | Serial | 1.642 |  | 2020 |  | 2,340 |  | - |  | - | 2,340 |
|  |  | 2,385 | (24) | 2284 | 2760 | Serial | 1.947 |  | 2021 |  | 2,385 |  | - |  | - | 2,385 |
|  |  | 2,430 | (24) | 2761 | 3246 | Serial | 2.131 |  | 2022 |  | 2,430 |  | - |  | - | 2,430 |
|  |  | 2,485 | (24) | 3247 | 3743 | Serial | 2.280 |  | 2023 |  | 2,485 |  | - |  | - | 2,485 |
|  |  | 2,545 | (24) | 3744 | 4252 | Serial | 2.351 |  | 2024 |  | 2,545 |  | - |  | - | 2,545 |
|  |  | 2,605 | (24) | 4253 | 4773 | Serial | 2.532 |  | 2025 |  | 2,605 |  | - |  | - | 2,605 |
|  |  | 2,675 | (24) | 4774 | 5308 | Serial | 2.463 |  | 2026 |  | 2,675 |  | - |  | - | 2,675 |
|  |  | 2,745 | (24) | 5309 | 5857 | Serial | 2.706 |  | 2027 |  | 2,745 |  | - |  | - | 2,745 |
|  |  | 2,820 | (24) | 5858 | 6421 | Serial | 2.661 |  | 2028 |  | 2,820 |  | - |  | - | 2,820 |
|  |  | 2,895 | (24) | 6422 | 7000 | Serial | 2.815 |  | 2029 |  | 2,895 |  | - |  | $-$ | 2,895 |
|  | \$ | 35,000 |  |  |  |  |  |  |  | \$ | 35,000 | \$ | - | \$ | - | 35,000 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System

## ANALYSIS OF CHANGES IN BONDED DEBT

For the Year Ended December 31, 2011
(amounts in thousands)
WATER SYSTEM
REVENUE BONDS
Water System Junior Lien
Revenue Refunding Bonds,
Series 2010
Paying Agent: Wells Fargo
Bonds Dated: 02-01-10

|  | Original <br> Issue | Call Options | Bond <br> Numbers |  | Bond <br> Type | Interest <br> Rates | Maturity Dates |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | - | NONE |  |  |  | - | 15-May | 2010 | \$ |
|  | 5,725 | NONE | 1 | 1145 | Serial | 2.000 |  | 2011 |  |
|  | 5,865 | NONE | 1146 | 2318 | Serial | 3.000 |  | 2012 |  |
|  | 6,035 | NONE | 2319 | 3525 | Serial | 3.000 |  | 2013 |  |
|  | 6,240 | NONE | 3526 | 4773 | Serial | 4.000 |  | 2014 |  |
|  | 6,490 | NONE | 4774 | 6071 | Serial | 4.000 |  | 2015 |  |
|  | 6,745 | NONE | 6072 | 7420 | Serial | 4.000 |  | 2016 |  |
|  | 7,025 | NONE | 7421 | 8825 | Serial | 4.250 |  | 2017 |  |
|  | 7,345 | NONE | 8826 | 10294 | Serial | 5.000 |  | 2018 |  |
|  | 4,275 | NONE | 10295 | 11149 | Serial | 4.000 |  | 2019 |  |
|  | 3,400 | NONE | 11150 | 11829 | Serial | 4.250 |  | 2019 |  |
| \$ | 59,145 |  |  |  |  |  |  |  | \$ |


| Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Issued |  | Retired |  |  |
| \$ | - |  | - |  |  |  | - |
|  | 5,725 |  | - |  | 5,725 |  | - |
|  | 5,865 |  | - |  | - |  | 5,865 |
|  | 6,035 |  | - |  | - |  | 6,035 |
|  | 6,240 |  | - |  | - |  | 6,240 |
|  | 6,490 |  | - |  | - |  | 6,490 |
|  | 6,745 |  | - |  | - |  | 6,745 |
|  | 7,025 |  | - |  | - |  | 7,025 |
|  | 7,345 |  | - |  | - |  | 7,345 |
|  | 4,275 |  | - |  | - |  | 4,275 |
|  | 3,400 |  | - |  | $-$ |  | 3,400 |
| \$ | 59,145 | \$ | - | \$ | 5,725 | \$ | 53,420 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

## San Antonio Water System

ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011 (amounts in thousands)

| WATER SYSTEM | $\begin{aligned} & \text { Original } \\ & \text { Issue } \end{aligned}$ |  | Call | Bond <br> Numbers |  | Bond | Interest | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances Outstanding December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  | Type | Rates |  |  |  | Issued |  | Retired |  |  |
| Water System Junior Lien | \$ | - | NONE |  |  |  | - | 15-May | 2010 |  |  | \$ | - | \$ | - |  |  | \$ |  |
| Revenue and Refunding |  | 510 | NONE | 1 | 102 | Serial | - |  | 2011 |  | 510 |  | - |  | 510 |  | - |
| Bonds-Series 2010A |  | 475 | NONE | 103 | 197 | Serial | - |  | 2012 |  | 475 |  | - |  | - |  | 475 |
| Paying Agent: US Bank N.A. |  | 475 | NONE | 198 | 292 | Serial | - |  | 2013 |  | 475 |  | - |  | - |  | 475 |
| Bonds Dated: 12-14-10 |  | 475 | NONE | 293 | 387 | Serial | - |  | 2014 |  | 475 |  | - |  | - |  | 475 |
|  |  | 475 | NONE | 388 | 482 | Serial | - |  | 2015 |  | 475 |  | - |  | - |  | 475 |
|  |  | 480 | NONE | 483 | 578 | Serial | 0.590 |  | 2016 |  | 480 |  | - |  | - |  | 480 |
|  |  | 480 | NONE | 579 | 674 | Serial | 0.900 |  | 2017 |  | 480 |  | - |  | - |  | 480 |
|  |  | 485 | NONE | 675 | 771 | Serial | 1.150 |  | 2018 |  | 485 |  | - |  | - |  | 485 |
|  |  | 495 | NONE | 772 | 870 | Serial | 1.370 |  | 2019 |  | 495 |  | - |  | - |  | 495 |
|  |  | 500 | NONE | 871 | 970 | Serial | 1.660 |  | 2020 |  | 500 |  | - |  | - |  | 500 |
|  |  | 510 | (25) | 971 | 1072 | Serial | 1.890 |  | 2021 |  | 510 |  | - |  | - |  | 510 |
|  |  | 520 | (25) | 1073 | 1176 | Serial | 2.020 |  | 2022 |  | 520 |  | - |  | - |  | 520 |
|  |  | 530 | (25) | 1177 | 1282 | Serial | 2.110 |  | 2023 |  | 530 |  | - |  | - |  | 530 |
|  |  | 540 | (25) | 1283 | 1390 | Serial | 2.210 |  | 2024 |  | 540 |  | - |  | - |  | 540 |
|  |  | 555 | (25) | 1391 | 1501 | Serial | 2.300 |  | 2025 |  | 555 |  | - |  | - |  | 555 |
|  |  | 565 | (25) | 1502 | 1614 | Serial | 2.430 |  | 2026 |  | 565 |  | - |  | - |  | 565 |
|  |  | 580 | (25) | 1615 | 1730 | Serial | 2.540 |  | 2027 |  | 580 |  | - |  | - |  | 580 |
|  |  | 595 | (25) | 1731 | 1849 | Serial | 2.630 |  | 2028 |  | 595 |  | - |  | - |  | 595 |
|  |  | 615 | (25) | 1850 | 1972 | Serial | 2.670 |  | 2029 |  | 615 |  | - |  | - |  | 615 |
|  |  | 630 | (25) | 1973 | 2098 | Serial | 2.750 |  | 2030 |  | 630 |  | - |  | - |  | 630 |
|  |  | 650 | (25) | 2099 | 2228 | Serial | 2.860 |  | 2031 |  | 650 |  | - |  | - |  | 650 |
|  |  | 665 | (25) | 2229 | 2361 | Serial | 2.900 |  | 2032 |  | 665 |  | - |  | - |  | 665 |
|  |  | 685 | (25) | 2362 | 2498 | Serial | 2.970 |  | 2033 |  | 685 |  | - |  | - |  | 685 |
|  |  | 705 | (25) | 2499 | 2639 | Serial | 3.060 |  | 2034 |  | 705 |  | - |  | - |  | 705 |
|  |  | 730 | (25) | 2640 | 2785 | Serial | 3.110 |  | 2035 |  | 730 |  | - |  | - |  | 730 |
|  |  | 750 | (25) | 2786 | 2935 | Serial | 3.110 |  | 2036 |  | 750 |  | - |  | - |  | 750 |
|  |  | 775 | (25) | 2936 | 3090 | Serial | 3.110 |  | 2037 |  | 775 |  | - |  | - |  | 775 |
|  |  | 800 | (25) | 3091 | 3250 | Serial | 3.110 |  | 2038 |  | 800 |  | - |  | - |  | 800 |
|  |  | 825 | (25) | 3251 | 3415 | Serial | 3.110 |  | 2039 |  | 825 |  | - |  | - |  | 825 |
|  |  | 855 | (25) | 3416 | 3586 | Serial | 3.310 |  | 2040 |  | 855 |  | $-$ |  | - |  | 855 |
|  | \$ | 17,930 |  |  |  |  |  |  |  | \$ | 17,930 | \$ | - | \$ | 510 | \$ | 17,420 |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System

## ANALYSIS OF CHANGES IN BONDED DEBT

For the Year Ended December 31, 2011


Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

## San Antonio Water System

ANALYSIS OF CHANGES IN BONDED DEBT
For the Year Ended December 31, 2011
(amounts in thousands)

| WATER SYSTEM | $\begin{aligned} & \text { Original } \\ & \text { Issue } \end{aligned}$ |  | Call | Bond <br> Numbers |  | Bond | Interest | Maturity Dates |  | Balances Outstanding January 1, 2011 |  | Transactions |  |  |  |  | Balances <br> Outstanding <br> December 31, 2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REVENUE BONDS |  |  | Options |  |  | Type | Rates |  |  |  | Issued |  | Retired |  |  |
| Water System Junior Lien | \$ | - | NONE |  |  |  | - | 15-May | 2011 |  |  | \$ | - | \$ | - |  |  |  | - |
| Revenue and Refunding |  | 335 | NONE | 1 | 67 | Serial | - |  | 2012 |  | - |  | 335 |  | - |  | 335 |
| Bonds-Series 2011A |  | 455 | NONE | 68 | 158 | Serial | - |  | 2013 |  | - |  | 455 |  | - |  | 455 |
| Paying Agent: US Bank N.A. |  | 455 | NONE | 159 | 249 | Serial | - |  | 2014 |  | - |  | 455 |  | - |  | 455 |
| Bonds Dated: 08-18-11 |  | 455 | NONE | 250 | 340 | Serial | 0.350 |  | 2015 |  | - |  | 455 |  | - |  | 455 |
|  |  | 455 | NONE | 341 | 431 | Serial | 0.650 |  | 2016 |  | - |  | 455 |  | - |  | 455 |
|  |  | 460 | NONE | 432 | 523 | Serial | 0.950 |  | 2017 |  | - |  | 460 |  | - |  | 460 |
|  |  | 465 | NONE | 524 | 616 | Serial | 1.250 |  | 2018 |  | - |  | 465 |  | - |  | 465 |
|  |  | 475 | NONE | 617 | 711 | Serial | 1.550 |  | 2019 |  | - |  | 475 |  | - |  | 475 |
|  |  | 480 | NONE | 712 | 807 | Serial | 1.800 |  | 2020 |  | - |  | 480 |  | - |  | 480 |
|  |  | 490 | NONE | 808 | 905 | Serial | 2.000 |  | 2021 |  | - |  | 490 |  | - |  | 490 |
|  |  | 500 | (27) | 906 | 1005 | Serial | 2.200 |  | 2022 |  | - |  | 500 |  | - |  | 500 |
|  |  | 510 | (27) | 1006 | 1107 | Serial | 2.400 |  | 2023 |  | - |  | 510 |  | - |  | 510 |
|  |  | 525 | (27) | 1108 | 1212 | Serial | 2.550 |  | 2024 |  | - |  | 525 |  | - |  | 525 |
|  |  | 540 | (27) | 1213 | 1320 | Serial | 2.700 |  | 2025 |  | - |  | 540 |  | - |  | 540 |
|  |  | 555 | (27) | 1321 | 1431 | Serial | 2.850 |  | 2026 |  | - |  | 555 |  | - |  | 555 |
|  |  | 570 | (27) | 1432 | 1545 | Serial | 2.950 |  | 2027 |  | - |  | 570 |  | - |  | 570 |
|  |  | 590 | (27) | 1546 | 1663 | Serial | 3.050 |  | 2028 |  | - |  | 590 |  | - |  | 590 |
|  |  | 605 | (27) | 1664 | 1784 | Serial | 3.150 |  | 2029 |  | - |  | 605 |  | - |  | 605 |
|  |  | 625 | (27) | 1785 | 1909 | Serial | 3.250 |  | 2030 |  | - |  | 625 |  | - |  | 625 |
|  |  | 645 | (27) | 1910 | 2038 | Serial | 3.300 |  | 2031 |  | - |  | 645 |  | - |  | 645 |
|  |  | 670 | (27) | 2039 | 2172 | Serial | 3.400 |  | 2032 |  | - |  | 670 |  | - |  | 670 |
|  |  | 690 | (27) | 2173 | 2310 | Serial | 3.500 |  | 2033 |  | - |  | 690 |  | - |  | 690 |
|  |  | 715 | (27) | 2311 | 2453 | Serial | 3.550 |  | 2034 |  | - |  | 715 |  | - |  | 715 |
|  |  | 745 | (27) | 2454 | 2602 | Serial | 3.650 |  | 2035 |  | - |  | 745 |  | - |  | 745 |
|  |  | 770 | (27) | 2603 | 2756 | Serial | 3.700 |  | 2036 |  | - |  | 770 |  | - |  | 770 |
|  |  | 800 | (27) | 2757 | 2916 | Serial | 3.700 |  | 2037 |  | - |  | 800 |  | - |  | 800 |
|  |  | 830 | (27) | 2917 | 3082 | Serial | 3.700 |  | 2038 |  | - |  | 830 |  | - |  | 830 |
|  |  | 860 | (27) | 3083 | 3254 | Serial | 3.700 |  | 2039 |  | - |  | 860 |  | - |  | 860 |
|  |  | 895 | (27) | 3255 | 3433 | Serial | 3.700 |  | 2040 |  | - |  | 895 |  | - |  | 895 |
|  |  | 930 | (27) | 3434 | 3619 | Serial | 3.900 |  | 2041 |  | $-$ |  | 930 |  | $-$ |  | 930 |
|  | \$ | 18,095 |  |  |  |  |  |  |  | \$ | - | \$ | 18,095 | \$ | - |  | $\underline{\text { 18,095 }}$ |

Note: See Analysis of Changes in Bonded Debt for further explanation of call options.

San Antonio Water System<br>Analysis of Changes in Bonded Debt

## CALL OPTIONS:

Optional redemption:
(1) Series 2001 Senior Lien, Serial Bonds stated to mature on and after May 15, 2012 and the Term Bonds stated to mature on May 15, 2026, are subject to early redemption, at the option of the City, on May 15,2011 , or on any date thereafter, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the par value thereof plus accrued interest to the redemption date. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2002 Senior Lien, Serial Bonds stated to mature on and after May 15, 2013 and the Term Bonds stated to mature on May 15, 2025 and May 15, 2028, are subject to early redemption, at the option of the City, on May 15, 2012, or on any date thereafter, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the par value thereof plus accrued interest to the redemption date. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.
(3) Series 2002-A Senior Lien, Serial Bonds stated to mature on and after May 15, 2013 and the Term Bonds stated to mature on May 15, 2025 and May 15, 2032, are subject to early redemption, at the option of the City, on May 15, 2012, or on any date thereafter, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the par value thereof plus accrued interest to the redemption date. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2004 Senior Lien, Serial Bonds stated to mature on and after May 15, 2015 and the Term Bonds stated to mature on May 15, 2029 and May 15, 2034, are subject to early redemption, at the option of the City, on May 15, 2014, or on any date thereafter, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the par value thereof plus accrued interest to the redemption date. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2005 Senior Lien, Serial Bonds stated to mature on and after May 15, 2016 and the Term Bonds stated to mature on May 15, 2036 and May 15, 2040, are subject to early redemption, at the option of the City, on May 15, 2015, or on any date thereafter, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the par value thereof plus accrued interest to the redemption date. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.
(6) Series 2007 Senior Lien, Serial Bonds stated to mature on and after May 15, 2018 and the Term Bonds stated to mature on May 15, 2032 and May 15, 2037, are subject to early redemption, at the option of the City, on May 15, 2017, or on any date thereafter, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the par value thereof plus accrued interest to the redemption date. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2009 Senior Lien, Serial Bonds stated to mature on and after May 15, 2019 and the Term Bonds stated to mature on May 15, 2029, May 15, 2034, and May 15, 2039 are subject to early redemption, at the option of the City, on May 15, 2018, or on any date thereafter, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the par value thereof plus accrued interest to the redemption date. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2009B Senior Lien Bonds having stated maturities on May 15 in each of the years of 2015 through 2024 are subject to redemption prior to stated maturity, at the option of the City, on December 10, 2009 through May 14, 2019, as a whole or in part, in principal amounts of $\$ 5,000$ or

San Antonio Water System<br>Analysis of Changes in Bonded Debt

any integral multiple thereof (and if within a stated maturity, selected at random and by lot by the Paying Agent/Registrar), at the Serial Bonds Make-Whole Redemption Price.

Series 2009B Senior Lien Bonds having stated maturities on May 15, 2029 and May 15, 2039 are subject to redemption prior to stated maturity, at the option of the City, on any date, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof (and if within a stated maturity, selected at random and by lot by the Paying Agent/Registrar), at the Term Bonds Make-Whole Redemption Price.

Series 2009B Senior Lien Bonds having stated maturities on May 15 in each of the years of 2020 through 2024 are subject to redemption prior to stated maturity, at the option of the City, on May 15, 2019 or day date thereafter, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof (and if within a stated maturity, selected maturity, selected at random and by lot by the Paying Agent/Registrar), at the redemption price of par, plus accrued interest to the date of redemption.

Series 2009B Senior Lien Bonds are subject to redemption, at the option of the City, on any date prior to their stated maturity, upon the occurrence of an extraordinary event, in whole or in part, by lot, at the Extraordinary Redemption Price.

See the "Optional Redemption of Series 2009B Bonds" within the Official Statement for the City of San Antonio, Texas Water System Revenue Bonds, Series 2009A and Water System Revenue Bonds, Taxable Series 2009B (Direct Subsidy - Build America Bonds) for additional information.

Series 2010B Senior Lien Bonds having a stated maturity of May 14, 2040 are subject to redemption prior to stated maturity, at the option of the City, on any date from November 23, 2010 through their stated maturity at the Make-Whole Redemption Price or, upon the occurrence of an Extraordinary Event, at the Extraordinary Redemption Price.

Series 2010B Senior Lien Bonds having stated maturities of May 15, 2012 through May 15, 2025, May 15, 2032, and May 15, 2034 are subject to redemption prior to stated maturity, at the option of the City, on any date from November 23, 2010 through May 14, 2010 at the Make-Whole Redemption Price or, upon the occurrence of an Extraordinary Event, at the Extraordinary Redemption Price.

Series 2010B Senior Lien Bonds having stated maturities of May 15, 2021 through May 15, 2025, May 15, 2032, and May 15, 2034 are subject to redemption prior to stated maturity, at the option of the city, on May 15, 2020 or any date thereafter, at the price of par plus accrued interest to the date of redemption.

Bonds redeemed to the City's option may be redeemed as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof (and if within a stated maturity, selected at random and by lot by the Paying Agent/Registrar).

See "Optional Redemption" within the Official Statement for the City of San Antonio, Texas Water System Revenue Bonds, Taxable Series 2010B (Direct Subsidy - Build America Bonds) for additional information.

Series 2011 Senior Lien, Serial Bonds stated to mature on and after May 15, 2022 are subject to early redemption, at the option of the City, on May 15, 2021, or on any date thereafter, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the par value thereof plus accrued interest to the redemption date. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2011A Senior Lien, Serial Bonds stated to mature on and after May 15, 2021 and the Term Bonds stated to mature on May 15, 2036 and May 15, 2041 are subject to early redemption, at the option of the City, on May 15, 2020, or on any date thereafter, as a whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the par value thereof plus accrued interest to the

San Antonio Water System<br>Analysis of Changes in Bonded Debt

redemption date. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2001 Junior Lien, Serial Bonds stated to mature on and after May 15, 2012, may be redeemed prior to their Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15, 2011, or on any Interest Payment Date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2001-A Junior Lien, Serial Bonds stated to mature on and after May 15, 2012, may be redeemed prior to their Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15, 2011, or on any Interest Payment Date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2002 Junior Lien, Serial Bonds stated to mature on and after May 15, 2013, may be redeemed prior to their Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15, 2012, or on any Interest Payment Date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2002-A Junior Lien, Serial Bonds stated to mature on and after May 15, 2013, may be redeemed prior to their Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15, 2012, or on any Interest Payment Date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2003 Junior Lien, Serial Bonds stated to mature on and after May 15, 2014 may be redeemed prior to their Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15,2013 , or on any date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2004 Junior Lien, Serial Bonds stated to mature on and after May 15, 2015, may be redeemed prior to their Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on November 15, 2014, or on any Interest Payment Date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2004-A Junior Lien, Serial Bonds stated to mature on and after May 15, 2015 may be redeemed prior to their Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on November 15, 2014, or on any date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

San Antonio Water System<br>Analysis of Changes in Bonded Debt

Series 2007 Junior Lien, Serial Bonds stated to mature on and after May 15, 2018, may be redeemed prior to their Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15, 2017, or on any Interest Payment Date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2007A Junior Lien, Serial Bonds stated to mature on and after May 15, 2018 may be redeemed prior to their Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15,2017 , or on any date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2008 Junior Lien, Serial Bonds stated to mature on and after May 15, 2019 shall be subject to redemption prior to Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15, 2018, or on any date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2008A Junior Lien, Serial Bonds stated to mature on and after May 15, 2019 shall be subject to redemption prior to Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15, 2018, or on any date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2009 Junior Lien, Serial Bonds stated to mature on and after May 15, 2020 shall be subject to redemption prior to Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on November 15, 2019, or on any date thereafter, in whole or in part, in principal amounts of \$5,000 or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2009A Junior Lien, Serial Bonds stated to mature on and after May 15, 2020 shall be subject to redemption prior to Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on November 15, 2019, or on any date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2010A Junior Lien, Serial Bonds stated to mature on and after May 15, 2021 shall be subject to redemption prior to Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15, 2020, or on any date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Series 2011 Junior Lien, Serial Bonds stated to mature on and after May 15, 2022 shall be subject to redemption prior to Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15, 2021, or on any date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

San Antonio Water System<br>Analysis of Changes in Bonded Debt

(27) Series 2011A Junior Lien, Serial Bonds stated to mature on and after May 15, 2022 shall be subject to redemption prior to Stated Maturities, in inverse order of Stated Maturity, at the option of the City, on May 15, 2021, or on any date thereafter, in whole or in part, in principal amounts of $\$ 5,000$ or any integral multiple thereof at the redemption price of par, together with accrued interest to the date of redemption. Bonds having the same maturity will be selected at random and by lot by the Paying Agent/ Registrar.

Mandatory redemption:
Series 2001, Term Bonds are subject to mandatory sinking fund redemption prior to their stated maturities from money required to be deposited in the Debt Service Fund for such purposes and shall be redeemed in part, by lot or other customary method, at the principal amounts on May 15 in each of the years as follows:

| Term Bonds <br> Stated to Mature <br> On May 15, 2026 |
| :---: |
| (amounts in thousands) |
|  |
| Year | Principal

The Series 2002, Term Bonds are subject to mandatory sinking fund redemption prior to their stated maturities from money required to be deposited in the Debt Service Fund for such purpose and shall be redeemed in part, by lot or other customary method, at the principal amount thereof plus accrued interest to the date of redemption in the following principal amounts on May 15 in each of the years as follows:

Term Bonds Stated to Mature
On May 15, 2025
(amounts in thousands)

| Year | Principal <br> Amount |
| :---: | :---: |
| 2024 | $\$ 20,770$ |
| 2025 | $21,795(1)$ |

Term Bonds
Stated to Mature
On May 15, 2028
(amounts in thousands)

| Year | Principal <br> Amount |
| :---: | :---: |
| 2026 | $\$ 22,875$ |
| 2027 | 43,050 |
| 2028 | $45,260(1)$ |

The Series 2002-A, Term Bonds are subject to mandatory sinking fund redemption prior to their stated maturities from money required to be deposited in the Debt Service Fund for such purpose and shall be redeemed in part, by lot or other customary method, at the principal amount thereof plus accrued interest to the date of redemption in the following principal amounts on May 15 in each of the years as follows:

# San Antonio Water System <br> Analysis of Changes in Bonded Debt 

| Term Bonds <br> Stated to Mature <br> On May 15, 2025 | Term Bonds <br> (amounts in thousands) <br> Stated to Mature |
| :---: | :---: | :---: |
| Principal | On May 15, 2032 |

(31) The Series 2004, Term Bonds are subject to mandatory sinking fund redemption prior to their stated maturities from money required to be deposited in the Debt Service Fund for such purpose and shall be redeemed in part, by lot or other customary method, at the principal amount thereof plus accrued interest to the date of redemption in the following principal amounts on May 15 in each of the years as follows:

Term Bonds Stated to Mature On May 15, 2029 (amounts in thousands)

| Year | Principal <br> Amount |
| :---: | :---: |
| 2027 | $\$ 3,875$ |
| 2028 | 4,080 |
| 2029 | $4,295(1)$ |

Term Bonds
Stated to Mature
On May 15, 2034
(amounts in thousands)

| Year | Principal <br> Amount |
| :---: | :---: |
| 2030 | $\$ 4,520$ |
| 2031 | 4,760 |
| 2032 | 5,010 |
| 2033 | 5,275 |
| 2034 | $5,550(1)$ |

The Series 2005, Term Bonds are subject to mandatory sinking fund redemption prior to their stated maturities from money required to be deposited in the Debt Service Fund for such purpose and shall be redeemed in part, by lot or other customary method, at the principal amount thereof plus accrued interest to the date of redemption in the following principal amounts on May 15 in each of the years as follows:

Term Bonds Stated to Mature On May 15, 2036 (amounts in thousands)

| Year | Principal <br> Amount |
| :---: | :---: |
| 2035 | $\$ 33,265$ |
| 2036 | $34,970(1)$ |

Term Bonds
Stated to Mature
On May 15, 2040
(amounts in thousands)

| Year | $\begin{array}{c}\text { Principal } \\ \text { Amount }\end{array}$ |
| :---: | :---: |
| 2038 | $\$ 13,520$ |
| 2039 | 40,465 |
| 2040 | $42,540(1)$ |

The Series 2007, Term Bonds are subject to mandatory sinking fund redemption prior to their stated maturities from money required to be deposited in the Debt Service Fund for such purpose and shall be redeemed in part, by lot or other customary method, at the principal amount thereof plus accrued

# San Antonio Water System <br> Analysis of Changes in Bonded Debt 

interest to the date of redemption in the following principal amounts on May 15 in each of the years as follows:

| Term Bonds <br> Stated to Mature | Term Bonds <br> On May 15, 2032 | Stated to Mature |
| :---: | :---: | :---: |
| (amounts in thousands) | On May 15, 2037 |  |
|  | Principal |  |
| Yearounts in thousands) | Amount |  |
| 2030 | $\$ 16,965$ | Year |

The Series 2009, Term Bonds are subject to mandatory sinking fund redemption prior to their stated maturities from money required to be deposited in the Debt Service Fund for such purpose and shall be redeemed in part, by lot or other customary method, at the principal amount thereof plus accrued interest to the date of redemption in the following principal amounts on May 15 in each of the years as follows:

| Term Bonds Stated to Mature On May 15, 2029 |  | Term Bonds Stated to Mature On May 15, 2034 |  | Term Bonds Stated to Mature On May 15, 2039 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| (amounts in thousands) |  | (amounts in thousands) |  | (amounts in thousands) |  |
| Year | Principal Amount | Year | Principal Amount | Year | Principal <br> Amount |
| 2025 | \$ 4,485 | 2030 | \$ 6,305 | 2035 | \$ 8,205 |
| 2026 | 5,140 | 2031 | 6,645 | 2036 | 8,660 |
| 2027 | 5,410 | 2032 | 7,005 | 2037 | 9,135 |
| 2028 | 2,695 | 2033 | 7,385 | 2038 | 9,640 |
| 2029 | 4,325 (1) | 2034 | 7,780 (1) | 2039 | 10,175 (1) |

(35) The Series 2009B, Term Bonds are subject to mandatory sinking fund redemption prior to their stated maturities from money required to be deposited in the Debt Service Fund for such purpose and shall be redeemed in part, on a pro rata basis in accordance with the arrangements between the City and the securities depository, at the principal amount thereof plus accrued interest to the date of redemption in the following principal amounts on May 15 in each of the years as follows:

| Term Bonds <br> Stated to Mature <br> On May 15, 2029 | Term Bonds <br> Stated to Mature |  |
| :---: | :---: | :---: |
| (amounts in thousands) <br> Principal | On May 15, 2039 <br> (amounts in thousands) |  |
| Year | Amount |  |
| 2025 | $\$ 3,650$ | 2030 |
| 2026 | 4,995 | 2031 |

San Antonio Water System<br>Analysis of Changes in Bonded Debt

(36) The Series 2010B, Term Bonds are subject to mandatory sinking fund redemption prior to their stated maturities from money required to be deposited in the Debt Service Fund for such purpose and shall be redeemed in part, on a pro rata basis in accordance with the arrangements between the City and the securities depository (or, if such selection methodology is administratively impressible or otherwise unavailable, at random and by lot), at the principal amount thereof plus accrued interest to the date of redemption in the following principal amounts on May 15 in each of the years as follows:

| Term Bonds |  | Term Bonds |  | Term Bonds |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Stated to Mature |  | Stated to Mature |  | Stated to Mature |  |
| On | 2032 | On | 5,2034 | On M | 5,2040 |
| (amou | usands) | (amours | ousands) | (amount | ousands) |
| Year | Principal Amount | Year | Principal <br> Amount | Year | Principal <br> Amount |
| 2026 | \$ 2,255 | 2033 | \$ 2,990 | 2035 | \$ 4,495 |
| 2027 | 2,350 | 2034 | 33,560 (1) | 2036 | 4,670 |
| 2028 | 2,445 |  |  | 2037 | 4,855 |
| 2029 | 2,545 |  |  | 2038 | 5,045 |
| 2030 | 2,650 |  |  | 2039 | 5,240 |
| 2031 | 2,760 |  |  | 2040 | 5,445 (1) |
| 2032 | 2,870 (1) |  |  |  |  |

(37) The Series 2011A, Term Bonds are subject to mandatory sinking fund redemption prior to their stated maturities from money required to be deposited in the Debt Service Fund for such purpose and shall be redeemed in part, on a pro rata basis in accordance with the arrangements between the City and the securities depository (or, if such selection methodology is administratively impressible or otherwise unavailable, at random and by lot), at the principal amount thereof plus accrued interest to the date of redemption in the following principal amounts on May 15 in each of the years as follows:

| Term Bonds |  |
| :---: | :---: |
| Stated to Mature |  |
| On May 15, 2036 |  |
| (amounts in thousands) |  |
| Year | Principal Amount |
| 2033 | \$ 2,465 |
| 2034 | 2,590 |
| 2035 | 2,725 |
| 2036 | 2,865 (1) |

Term Bonds
Stated to Mature
On May 15, 2041
(amounts in thousands)

| Year | Principal <br> Amount |
| :---: | :---: |
| 2037 | $\$ 3,010$ |
| 2038 | 3,165 |
| 2039 | 3,330 |
| 2040 | 3,500 |
| 2041 | $3,680(1)$ |

(1) Payable at stated maturity

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(amounts in thousands)
Page 1 of 2
Principal

Interest

| Interest | Net |
| :---: | :---: |
| Rate Subsidy | $\underline{\text { Interest }}$ |

Total Payment
Total
Annual Payment

Total Debt
Outstanding

| 15-May-2012 | \$ | 44,780 | \$ | 41,092 | \$ | 2,009 | \$ | 39,083 | \$ | 83,863 | \$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-Nov-2012 |  |  |  | 42,405 |  | 2,005 |  | 40,400 |  | 40,400 |  | 124,263 | 1,849,450 |
| 15-May-2013 |  | 46,725 |  | 42,405 |  | 2,005 |  | 40,400 |  | 87,125 |  |  |  |
| 15-Nov-2013 |  |  |  | 41,614 |  | 2,001 |  | 39,613 |  | 39,613 |  | 126,738 | 1,802,725 |
| 15-May-2014 |  | 48,420 |  | 41,614 |  | 2,001 |  | 39,613 |  | 88,033 |  |  |  |
| 15-Nov-2014 |  |  |  | 40,688 |  | 1,996 |  | 38,692 |  | 38,692 |  | 126,725 | 1,754,305 |
| 15-May-2015 |  | 50,290 |  | 40,688 |  | 1,996 |  | 38,692 |  | 88,982 |  |  |  |
| 15-Nov-2015 |  |  |  | 40,059 |  | 1,973 |  | 38,086 |  | 38,086 |  | 127,068 | 1,704,015 |
| 15-May-2016 |  | 54,510 |  | 40,059 |  | 1,973 |  | 38,086 |  | 92,596 |  |  |  |
| 15-Nov-2016 |  |  |  | 39,003 |  | 1,947 |  | 37,056 |  | 37,056 |  | 129,652 | 1,649,505 |
| 15-May-2017 |  | 59,305 |  | 39,003 |  | 1,947 |  | 37,056 |  | 96,361 |  |  |  |
| 15-Nov-2017 |  |  |  | 37,783 |  | 1,916 |  | 35,867 |  | 35,867 |  | 132,228 | 1,590,200 |
| 15-May-2018 |  | 61,765 |  | 37,783 |  | 1,916 |  | 35,867 |  | 97,632 |  |  |  |
| 15-Nov-2018 |  |  |  | 36,462 |  | 1,882 |  | 34,580 |  | 34,580 |  | 132,212 | 1,528,435 |
| 15-May-2019 |  | 61,995 |  | 36,462 |  | 1,882 |  | 34,580 |  | 96,575 |  |  |  |
| 15-Nov-2019 |  |  |  | 35,196 |  | 1,845 |  | 33,351 |  | 33,351 |  | 129,926 | 1,466,440 |
| 15-May-2020 |  | 65,305 |  | 35,196 |  | 1,845 |  | 33,351 |  | 98,656 |  |  |  |
| 15-Nov-2020 |  |  |  | 33,756 |  | 1,807 |  | 31,949 |  | 31,949 |  | 130,605 | 1,401,135 |
| 15-May-2021 |  | 69,095 |  | 33,756 |  | 1,807 |  | 31,949 |  | 101,044 |  |  |  |
| 15-Nov-2021 |  |  |  | 32,257 |  | 1,765 |  | 30,492 |  | 30,492 |  | 131,536 | 1,332,040 |
| 15-May-2022 |  | 71,700 |  | 32,257 |  | 1,765 |  | 30,492 |  | 102,192 |  |  |  |
| 15-Nov-2022 |  |  |  | 30,647 |  | 1,720 |  | 28,927 |  | 28,927 |  | 131,119 | 1,260,340 |
| 15-May-2023 |  | 73,465 |  | 30,647 |  | 1,720 |  | 28,927 |  | 102,392 |  |  |  |
| 15-Nov-2023 |  |  |  | 28,968 |  | 1,673 |  | 27,295 |  | 27,295 |  | 129,687 | 1,186,875 |
| 15-May-2024 |  | 74,205 |  | 28,968 |  | 1,673 |  | 27,295 |  | 101,500 |  |  |  |
| 15-Nov-2024 |  |  |  | 27,246 |  | 1,622 |  | 25,624 |  | 25,624 |  | 127,124 | 1,112,670 |
| 15-May-2025 |  | 74,415 |  | 27,246 |  | 1,622 |  | 25,624 |  | 100,039 |  |  |  |
| 15-Nov-2025 |  |  |  | 25,484 |  | 1,567 |  | 23,917 |  | 23,917 |  | 123,956 | 1,038,255 |
| 15-May-2026 |  | 79,130 |  | 25,484 |  | 1,567 |  | 23,917 |  | 103,047 |  |  |  |
| 15-Nov-2026 |  |  |  | 23,604 |  | 1,495 |  | 22,109 |  | 22,109 |  | 125,156 | 959,125 |
| 15-May-2027 |  | 82,895 |  | 23,604 |  | 1,495 |  | 22,109 |  | 105,004 |  |  |  |
| 15-Nov-2027 |  |  |  | 21,631 |  | 1,431 |  | 20,200 |  | 20,200 |  | 125,204 | 876,230 |
| 15-May-2028 |  | 84,335 |  | 21,631 |  | 1,431 |  | 20,200 |  | 104,535 |  |  |  |
| 15-Nov-2028 |  |  |  | 19,579 |  | 1,373 |  | 18,206 |  | 18,206 |  | 122,741 | 791,895 |
| 15-May-2029 |  | 51,700 |  | 19,579 |  | 1,373 |  | 18,206 |  | 69,906 |  |  |  |
| 15-Nov-2029 |  |  |  | 18,389 |  | 1,304 |  | 17,085 |  | 17,085 |  | 86,991 | 740,195 |
| 15-May-2030 |  | 51,015 |  | 18,389 |  | 1,304 |  | 17,085 |  | 68,100 |  |  |  |
| 15-Nov-2030 |  |  |  | 17,166 |  | 1,233 |  | 15,933 |  | 15,933 |  | 84,033 | 689,180 |
| 15-May-2031 |  | 53,360 |  | 17,166 |  | 1,233 |  | 15,933 |  | 69,293 |  |  |  |
| 15-Nov-2031 |  |  |  | 15,887 |  | 1,159 |  | 14,728 |  | 14,728 |  | 84,021 | 635,820 |
| 15-May-2032 |  | 54,390 |  | 15,887 |  | 1,159 |  | 14,728 |  | 69,118 |  |  |  |
| 15-Nov-2032 |  |  |  | 14,558 |  | 1,081 |  | 13,477 |  | 13,477 |  | 82,595 | 581,430 |
| 15-May-2033 |  | 57,710 |  | 14,558 |  | 1,081 |  | 13,477 |  | 71,187 |  |  |  |
| 15-Nov-2033 |  |  |  | 13,173 |  | 1,001 |  | 12,172 |  | 12,172 |  | 83,359 | 523,720 |
| 15-May-2034 |  | 98,390 |  | 13,173 |  | 1,001 |  | 12,172 |  | 110,562 |  |  |  |
| 15-Nov-2034 |  |  |  | 10,604 |  | 586 |  | 10,018 |  | 10,018 |  | 120,580 | 425,330 |

# San Antonio Water System <br> WATER SYSTEM REVENUE BONDS TOTAL DEBT SERVICE TO MATURITY 

(amounts in thousands)
Page 2 of 2

|  | Principal | $\underline{\text { Interest }}$ | Interest Rate Subsidy |  | Net Interest | Total Payment | Total <br> Annual Payment | Total Debt <br> Outstanding |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2035 | 72,425 | 10,604 | 586 |  | 10,018 | 82,443 |  |  |
| 15-Nov-2035 |  | 8,801 | 488 |  | 8,313 | 8,313 | 90,756 | 352,905 |
| 15-May-2036 | 75,915 | 8,801 | 488 |  | 8,313 | 84,228 |  |  |
| 15-Nov-2036 |  | 6,910 | 386 |  | 6,524 | 6,524 | 90,752 | 276,990 |
| 15-May-2037 | 79,530 | 6,910 | 386 |  | 6,524 | 86,054 |  |  |
| 15-Nov-2037 |  | 4,978 | 280 |  | 4,698 | 4,698 | 90,752 | 197,460 |
| 15-May-2038 | 69,670 | 4,978 | 280 |  | 4,698 | 74,368 |  |  |
| 15-Nov-2038 |  | 3,239 | 171 |  | 3,068 | 3,068 | 77,436 | 127,790 |
| 15-May-2039 | 69,945 | 3,239 | 171 |  | 3,068 | 73,013 |  |  |
| 15-Nov-2039 |  | 1,454 | 56 |  | 1,398 | 1,398 | 74,411 | 57,845 |
| 15-May-2040 | 53,235 | 1,454 | 56 |  | 1,398 | 54,633 |  |  |
| 15-Nov-2040 |  | 110 | - |  | 110 | 110 | 54,743 | 4,610 |
| 15-May-2041 | 4,610 | 110 | - |  | 110 | 4,720 |  |  |
|  |  |  |  |  |  |  | 4,720 | - |
|  | \$ 1,894,230 | \$ 1,384,394 | \$ 77,535 | \$ | 1,306,859 | \$ 3,201,089 | \$ 3,201,089 |  |

## San Antonio Water System <br> WATER SYSTEM SENIOR LIEN REVENUE BONDS <br> TOTAL DEBT SERVICE TO MATURITY

(amounts in thousands)


San Antonio Water System
WATER SYSTEM REVENUE AND REFUNDING BONDS
SERIES 2002
(amounts in thousands)

|  |  | Principal |  | $\underline{\text { Interest }}$ |  | Total SemiAnnual Payment |  | Total <br> Annual Payment |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | - | \$ | 6,803 | \$ | 6,803 | \$ |  |
| 15-Nov-2012 |  |  |  | 6,803 |  | 6,803 |  | 13,606 |
| 15-May-2013 |  | 3,935 |  | 6,803 |  | 10,738 |  |  |
| 15-Nov-2013 |  |  |  | 6,695 |  | 6,695 |  | 17,433 |
| 15-May-2014 |  | 4,130 |  | 6,695 |  | 10,825 |  |  |
| 15-Nov-2014 |  |  |  | 6,581 |  | 6,581 |  | 17,406 |
| 15-May-2015 |  | 4,340 |  | 6,581 |  | 10,921 |  |  |
| 15-Nov-2015 |  |  |  | 6,462 |  | 6,462 |  | 17,383 |
| 15-May-2016 |  | 4,550 |  | 6,462 |  | 11,012 |  |  |
| 15-Nov-2016 |  |  |  | 6,337 |  | 6,337 |  | 17,349 |
| 15-May-2017 |  | 8,975 |  | 6,337 |  | 15,312 |  |  |
| 15-Nov-2017 |  |  |  | 6,090 |  | 6,090 |  | 21,402 |
| 15-May-2018 |  | 9,435 |  | 6,090 |  | 15,525 |  |  |
| 15-Nov-2018 |  |  |  | 5,830 |  | 5,830 |  | 21,355 |
| 15-May-2019 |  | 6,625 |  | 5,830 |  | 12,455 |  |  |
| 15-Nov-2019 |  |  |  | 5,648 |  | 5,648 |  | 18,103 |
| 15-May-2020 |  | 15,385 |  | 5,648 |  | 21,033 |  |  |
| 15-Nov-2020 |  |  |  | 5,225 |  | 5,225 |  | 26,258 |
| 15-May-2021 |  | 16,155 |  | 5,225 |  | 21,380 |  |  |
| 15-Nov-2021 |  |  |  | 4,821 |  | 4,821 |  | 26,201 |
| 15-May-2022 |  | 18,830 |  | 4,821 |  | 23,651 |  |  |
| 15-Nov-2022 |  |  |  | 4,350 |  | 4,350 |  | 28,001 |
| 15-May-2023 |  | 19,775 |  | 4,350 |  | 24,125 |  |  |
| 15-Nov-2023 |  |  |  | 3,844 |  | 3,844 |  | 27,969 |
| 15-May-2024 |  | 20,770 |  | 3,844 |  | 24,614 |  |  |
| 15-Nov-2024 |  |  |  | 3,325 |  | 3,325 |  | 27,939 |
| 15-May-2025 |  | 21,795 |  | 3,325 |  | 25,120 |  |  |
| 15-Nov-2025 |  |  |  | 2,780 |  | 2,780 |  | 27,900 |
| 15-May-2026 |  | 22,875 |  | 2,780 |  | 25,655 |  |  |
| 15-Nov-2026 |  |  |  | 2,208 |  | 2,208 |  | 27,863 |
| 15-May-2027 |  | 43,050 |  | 2,208 |  | 45,258 |  |  |
| 15-Nov-2027 |  |  |  | 1,132 |  | 1,132 |  | 46,390 |
| 15-May-2028 |  | 45,260 |  | 1,132 |  | 46,392 |  |  |
|  |  |  |  |  |  |  |  | 46,392 |
|  | \$ | 265,885 | \$ | 163,065 | \$ | 428,950 | \$ | 428,950 |

## San Antonio Water System <br> WATER SYSTEM REVENUE BONDS

SERIES 2002-A
(amounts in thousands)

|  | Principal |  | Interest |  | Total SemiAnnual Payment |  |  | Total <br> Annual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | 4,280 | \$ |  | 105 | \$ | 4,385 | \$ |  |
|  |  |  |  |  |  |  |  |  | 4,385 |
|  | \$ | 4,280 | \$ |  | 105 | \$ | 4,385 | \$ | 4,385 |

## San Antonio Water System

WATER SYSTEM REVENUE AND REFUNDING BONDS
SERIES 2004
(amounts in thousands)

|  | Principal |  | $\underline{\text { Interest }}$ |  | Total SemiAnnual Payment |  | Total Annual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | 1,790 | \$ | 1,973 | \$ | 3,763 | \$ |  |
| 15-Nov-2012 |  |  |  | 1,928 |  | 1,928 |  | 5,691 |
| 15-May-2013 |  | 1,885 |  | 1,928 |  | 3,813 |  |  |
| 15-Nov-2013 |  |  |  | 1,881 |  | 1,881 |  | 5,694 |
| 15-May-2014 |  | 1,980 |  | 1,881 |  | 3,861 |  |  |
| 15-Nov-2014 |  |  |  | 1,832 |  | 1,832 |  | 5,693 |
| 15-May-2015 |  | 2,085 |  | 1,832 |  | 3,917 |  |  |
| 15-Nov-2015 |  |  |  | 1,777 |  | 1,777 |  | 5,694 |
| 15-May-2016 |  | 2,195 |  | 1,777 |  | 3,972 |  |  |
| 15-Nov-2016 |  |  |  | 1,719 |  | 1,719 |  | 5,691 |
| 15-May-2017 |  | 2,315 |  | 1,719 |  | 4,034 |  |  |
| 15-Nov-2017 |  |  |  | 1,659 |  | 1,659 |  | 5,693 |
| 15-May-2018 |  | 2,440 |  | 1,659 |  | 4,099 |  |  |
| 15-Nov-2018 |  |  |  | 1,594 |  | 1,594 |  | 5,693 |
| 15-May-2019 |  | 2,570 |  | 1,594 |  | 4,164 |  |  |
| 15-Nov-2019 |  |  |  | 1,527 |  | 1,527 |  | 5,691 |
| 15-May-2020 |  | 2,710 |  | 1,527 |  | 4,237 |  |  |
| 15-Nov-2020 |  |  |  | 1,456 |  | 1,456 |  | 5,693 |
| 15-May-2021 |  | 2,855 |  | 1,456 |  | 4,311 |  |  |
| 15-Nov-2021 |  |  |  | 1,381 |  | 1,381 |  | 5,692 |
| 15-May-2022 |  | 3,010 |  | 1,381 |  | 4,391 |  |  |
| 15-Nov-2022 |  |  |  | 1,302 |  | 1,302 |  | 5,693 |
| 15-May-2023 |  | 3,170 |  | 1,302 |  | 4,472 |  |  |
| 15-Nov-2023 |  |  |  | 1,223 |  | 1,223 |  | 5,695 |
| 15-May-2024 |  | 3,330 |  | 1,223 |  | 4,553 |  |  |
| 15-Nov-2024 |  |  |  | 1,139 |  | 1,139 |  | 5,692 |
| 15-May-2025 |  | 3,500 |  | 1,139 |  | 4,639 |  |  |
| 15-Nov-2025 |  |  |  | 1,052 |  | 1,052 |  | 5,691 |
| 15-May-2026 |  | 3,685 |  | 1,052 |  | 4,737 |  |  |
| 15-Nov-2026 |  |  |  | 957 |  | 957 |  | 5,694 |
| 15-May-2027 |  | 3,875 |  | 957 |  | 4,832 |  |  |
| 15-Nov-2027 |  |  |  | 858 |  | 858 |  | 5,690 |
| 15-May-2028 |  | 4,080 |  | 858 |  | 4,938 |  |  |
| 15-Nov-2028 |  |  |  | 754 |  | 754 |  | 5,692 |
| 15-May-2029 |  | 4,295 |  | 754 |  | 5,049 |  |  |
| 15-Nov-2029 |  |  |  | 644 |  | 644 |  | 5,693 |
| 15-May-2030 |  | 4,520 |  | 644 |  | 5,164 |  |  |
| 15-Nov-2030 |  |  |  | 528 |  | 528 |  | 5,692 |
| 15-May-2031 |  | 4,760 |  | 528 |  | 5,288 |  |  |
| 15-Nov-2031 |  |  |  | 406 |  | 406 |  | 5,694 |
| 15-May-2032 |  | 5,010 |  | 406 |  | 5,416 |  |  |
| 15-Nov-2032 |  |  |  | 277 |  | 277 |  | 5,693 |
| 15-May-2033 |  | 5,275 |  | 277 |  | 5,552 |  |  |
| 15-Nov-2033 |  |  |  | 142 |  | 142 |  | 5,694 |
| 15-May-2034 |  | 5,550 |  | 142 |  | 5,692 |  |  |
|  |  |  |  |  |  |  |  | 5,692 |
|  | \$ | 76,885 | \$ | 54,045 | \$ | 130,930 | \$ | 130,930 |

San Antonio Water System
WATER SYSTEM REVENUE REFUNDING BONDS
SERIES 2005
(amounts in thousands)

|  | Principal |  | Interest |  | Total SemiAnnual Payment |  | Total <br> Annual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | - | \$ | 7,376 | \$ | 7,376 | \$ |  |
| 15-Nov-2012 |  |  |  | 7,376 |  | 7,376 |  | 14,752 |
| 15-May-2013 |  | 2,635 |  | 7,376 |  | 10,011 |  |  |
| 15-Nov-2013 |  |  |  | 7,310 |  | 7,310 |  | 17,321 |
| 15-May-2014 |  | 2,925 |  | 7,310 |  | 10,235 |  |  |
| 15-Nov-2014 |  |  |  | 7,237 |  | 7,237 |  | 17,472 |
| 15-May-2015 |  | 735 |  | 7,237 |  | 7,972 |  |  |
| 15-Nov-2015 |  |  |  | 7,221 |  | 7,221 |  | 15,193 |
| 15-May-2016 |  | 2,055 |  | 7,221 |  | 9,276 |  |  |
| 15-Nov-2016 |  |  |  | 7,170 |  | 7,170 |  | 16,446 |
| 15-May-2017 |  | 2,650 |  | 7,170 |  | 9,820 |  |  |
| 15-Nov-2017 |  |  |  | 7,103 |  | 7,103 |  | 16,923 |
| 15-May-2018 |  | 3,020 |  | 7,103 |  | 10,123 |  |  |
| 15-Nov-2018 |  |  |  | 7,028 |  | 7,028 |  | 17,151 |
| 15-May-2019 |  | 6,170 |  | 7,028 |  | 13,198 |  |  |
| 15-Nov-2019 |  |  |  | 6,874 |  | 6,874 |  | 20,072 |
| 15-May-2020 |  | 6,295 |  | 6,874 |  | 13,169 |  |  |
| 15-Nov-2020 |  |  |  | 6,716 |  | 6,716 |  | 19,885 |
| 15-May-2021 |  | 6,625 |  | 6,716 |  | 13,341 |  |  |
| 15-Nov-2021 |  |  |  | 6,551 |  | 6,551 |  | 19,892 |
| 15-May-2022 |  | 6,965 |  | 6,551 |  | 13,516 |  |  |
| 15-Nov-2022 |  |  |  | 6,376 |  | 6,376 |  | 19,892 |
| 15-May-2023 |  | 7,330 |  | 6,376 |  | 13,706 |  |  |
| 15-Nov-2023 |  |  |  | 6,193 |  | 6,193 |  | 19,899 |
| 15-May-2024 |  | 7,705 |  | 6,193 |  | 13,898 |  |  |
| 15-Nov-2024 |  |  |  | 6,001 |  | 6,001 |  | 19,899 |
| 15-May-2025 |  | 8,105 |  | 6,001 |  | 14,106 |  |  |
| 15-Nov-2025 |  |  |  | 5,798 |  | 5,798 |  | 19,904 |
| 15-May-2026 |  | 8,530 |  | 5,798 |  | 14,328 |  |  |
| 15-Nov-2026 |  |  |  | 5,585 |  | 5,585 |  | 19,913 |
| 15-May-2027 |  | - |  | 5,585 |  | 5,585 |  |  |
| 15-Nov-2027 |  |  |  | 5,585 |  | 5,585 |  | 11,170 |
| 15-May-2028 |  | - |  | 5,585 |  | 5,585 |  |  |
| 15-Nov-2028 |  |  |  | 5,585 |  | 5,585 |  | 11,170 |
| 15-May-2029 |  | - |  | 5,585 |  | 5,585 |  |  |
| 15-Nov-2029 |  |  |  | 5,585 |  | 5,585 |  | 11,170 |
| 15-May-2030 |  | - |  | 5,585 |  | 5,585 |  |  |
| 15-Nov-2030 |  |  |  | 5,585 |  | 5,585 |  | 11,170 |
| 15-May-2031 |  | - |  | 5,585 |  | 5,585 |  |  |
| 15-Nov-2031 |  |  |  | 5,585 |  | 5,585 |  | 11,170 |
| 15-May-2032 |  | - |  | 5,585 |  | 5,585 |  |  |
| 15-Nov-2032 |  |  |  | 5,585 |  | 5,585 |  | 11,170 |
| 15-May-2033 |  | - |  | 5,585 |  | 5,585 |  |  |
| 15-Nov-2033 |  |  |  | 5,585 |  | 5,585 |  | 11,170 |
| 15-May-2034 |  | - |  | 5,585 |  | 5,585 |  |  |
| 15-Nov-2034 |  |  |  | 5,585 |  | 5,585 |  | 11,170 |
| 15-May-2035 |  | 33,265 |  | 5,585 |  | 38,850 |  |  |
| 15-Nov-2035 |  |  |  | 4,753 |  | 4,753 |  | 43,603 |
| 15-May-2036 |  | 34,970 |  | 4,753 |  | 39,723 |  |  |
| 15-Nov-2036 |  |  |  | 3,879 |  | 3,879 |  | 43,602 |
| 15-May-2037 |  | 36,715 |  | 3,879 |  | 40,594 |  |  |
| 15-Nov-2037 |  |  |  | 3,007 |  | 3,007 |  | 43,601 |
| 15-May-2038 |  | 38,520 |  | 3,007 |  | 41,527 |  |  |
| 15-Nov-2038 |  |  |  | 2,075 |  | 2,075 |  | 43,602 |
| 15-May-2039 |  | 40,465 |  | 2,075 |  | 42,540 |  |  |
| 15-Nov-2039 |  |  |  | 1,064 |  | 1,064 |  | 43,604 |
| 14-May-2040 |  | 42,540 |  | 1,064 |  | 43,604 |  |  |
|  |  |  |  |  |  |  |  | 43,604 |
|  | \$ | 298,220 | \$ | 327,370 | \$ | 625,590 | \$ | 625,590 |

San Antonio Water System
WATER SYSTEM REVENUE REFUNDING BONDS
SERIES 2007
(amounts in thousands)

|  | Principal |  | Interest |  | Total SemiAnnual Payment |  | Total <br> Annual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | 10,380 | \$ | 6,485 | \$ | 16,865 | \$ |  |
| 15-Nov-2012 |  |  |  | 6,235 |  | 6,235 |  | 23,100 |
| 15-May-2013 |  | 4,020 |  | 6,235 |  | 10,255 |  |  |
| 15-Nov-2013 |  |  |  | 6,134 |  | 6,134 |  | 16,389 |
| 15-May-2014 |  | 8,280 |  | 6,134 |  | 14,414 |  |  |
| 15-Nov-2014 |  |  |  | 5,907 |  | 5,907 |  | 20,321 |
| 15-May-2015 |  | 11,065 |  | 5,907 |  | 16,972 |  |  |
| 15-Nov-2015 |  |  |  | 5,602 |  | 5,602 |  | 22,574 |
| 15-May-2016 |  | 10,375 |  | 5,602 |  | 15,977 |  |  |
| 15-Nov-2016 |  |  |  | 5,317 |  | 5,317 |  | 21,294 |
| 15-May-2017 |  | 8,370 |  | 5,317 |  | 13,687 |  |  |
| 15-Nov-2017 |  |  |  | 5,120 |  | 5,120 |  | 18,807 |
| 15-May-2018 |  | 8,540 |  | 5,120 |  | 13,660 |  |  |
| 15-Nov-2018 |  |  |  | 4,907 |  | 4,907 |  | 18,567 |
| 15-May-2019 |  | 4,430 |  | 4,907 |  | 9,337 |  |  |
| 15-Nov-2019 |  |  |  | 4,796 |  | 4,796 |  | 14,133 |
| 15-May-2020 |  | 4,655 |  | 4,796 |  | 9,451 |  |  |
| 15-Nov-2020 |  |  |  | 4,680 |  | 4,680 |  | 14,131 |
| 15-May-2021 |  | 4,880 |  | 4,680 |  | 9,560 |  |  |
| 15-Nov-2021 |  |  |  | 4,575 |  | 4,575 |  | 14,135 |
| 15-May-2022 |  | 5,110 |  | 4,575 |  | 9,685 |  |  |
| 15-Nov-2022 |  |  |  | 4,447 |  | 4,447 |  | 14,132 |
| 15-May-2023 |  | 5,375 |  | 4,447 |  | 9,822 |  |  |
| 15-Nov-2023 |  |  |  | 4,313 |  | 4,313 |  | 14,135 |
| 15-May-2024 |  | 5,650 |  | 4,313 |  | 9,963 |  |  |
| 15-Nov-2024 |  |  |  | 4,171 |  | 4,171 |  | 14,134 |
| 15-May-2025 |  | 5,940 |  | 4,171 |  | 10,111 |  |  |
| 15-Nov-2025 |  |  |  | 4,023 |  | 4,023 |  | 14,134 |
| 15-May-2026 |  | 6,230 |  | 4,023 |  | 10,253 |  |  |
| 15-Nov-2026 |  |  |  | 3,883 |  | 3,883 |  | 14,136 |
| 15-May-2027 |  | - |  | 3,883 |  | 3,883 |  |  |
| 15-Nov-2027 |  |  |  | 3,883 |  | 3,883 |  | 7,766 |
| 15-May-2028 |  | - |  | 3,883 |  | 3,883 |  |  |
| 15-Nov-2028 |  |  |  | 3,883 |  | 3,883 |  | 7,766 |
| 15-May-2029 |  | 16,245 |  | 3,883 |  | 20,128 |  |  |
| 15-Nov-2029 |  |  |  | 3,527 |  | 3,527 |  | 23,655 |
| 15-May-2030 |  | 16,965 |  | 3,527 |  | 20,492 |  |  |
| 15-Nov-2030 |  |  |  | 3,146 |  | 3,146 |  | 23,638 |
| 15-May-2031 |  | 17,730 |  | 3,146 |  | 20,876 |  |  |
| 15-Nov-2031 |  |  |  | 2,747 |  | 2,747 |  | 23,623 |
| 15-May-2032 |  | 18,525 |  | 2,747 |  | 21,272 |  |  |
| 15-Nov-2032 |  |  |  | 2,330 |  | 2,330 |  | 23,602 |
| 15-May-2033 |  | 28,645 |  | 2,330 |  | 30,975 |  |  |
| 15-Nov-2033 |  |  |  | 1,685 |  | 1,685 |  | 32,660 |
| 15-May-2034 |  | 37,530 |  | 1,685 |  | 39,215 |  |  |
| 15-Nov-2034 |  |  |  | 841 |  | 841 |  | 40,056 |
| 15-May-2035 |  | 11,900 |  | 841 |  | 12,741 |  |  |
| 15-Nov-2035 |  |  |  | 573 |  | 573 |  | 13,314 |
| 15-May-2036 |  | 12,450 |  | 573 |  | 13,023 |  |  |
| 15-Nov-2036 |  |  |  | 293 |  | 293 |  | 13,316 |
| 15-May-2037 |  | 13,025 |  | 293 |  | 13,318 |  |  |
|  |  |  |  |  |  |  |  | 13,318 |
|  | \$ | 276,315 | \$ | 200,521 | \$ | 476,836 | \$ | 476,836 |

San Antonio Water System
WATER SYSTEM REVENUE AND REFUNDING BONDS
SERIES 2009
(amounts in thousands)


## San Antonio Water System

## WATER SYSTEM REVENUE BONDS

SERIES 2009A
(amounts in thousands)

|  | Principal | Interest | Total Semi- <br> Annual Payment | Total <br> Annual Payment |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | $\$$ | 2,370 | $\$$ | 162 | $\$$ | 2,532 |

WATER SYSTEM REVENUE TAXABLE BONDS
SERIES 2009B
(DIRECT SUBSIDY - BUILD AMERICA BONDS)

# San Antonio Water System 

WATER SYSTEM REVENUE TAXABLE BONDS
SERIES 2010B
(DIRECT SUBSIDY - BUILD AMERICA BONDS)
(amounts in thousands)


# San Antonio Water System 

WATER SYSTEM REVENUE REFUNDING BONDS
SERIES 2011
(amounts in thousands)

|  | Principal |  | $\underline{\text { Interest }}$ |  | Total SemiAnnual Payment |  | TotalAnnual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | 1,670 | \$ | 1,092 | \$ | 2,762 | \$ |  |
| 15-Nov-2012 |  |  |  | 1,067 |  | 1,067 |  | 3,829 |
| 15-May-2013 |  | 1,960 |  | 1,067 |  | 3,027 |  |  |
| 15-Nov-2013 |  |  |  | 1,038 |  | 1,038 |  | 4,065 |
| 15-May-2014 |  | 2,060 |  | 1,038 |  | 3,098 |  |  |
| 15-Nov-2014 |  |  |  | 996 |  | 996 |  | 4,094 |
| 15-May-2015 |  | 2,205 |  | 996 |  | 3,201 |  |  |
| 15-Nov-2015 |  |  |  | 941 |  | 941 |  | 4,142 |
| 15-May-2016 |  | 2,340 |  | 941 |  | 3,281 |  |  |
| 15-Nov-2016 |  |  |  | 895 |  | 895 |  | 4,176 |
| 15-May-2017 |  | 2,675 |  | 895 |  | 3,570 |  |  |
| 15-Nov-2017 |  |  |  | 828 |  | 828 |  | 4,398 |
| 15-May-2018 |  | 2,855 |  | 828 |  | 3,683 |  |  |
| 15-Nov-2018 |  |  |  | 756 |  | 756 |  | 4,439 |
| 15-May-2019 |  | 2,935 |  | 756 |  | 3,691 |  |  |
| 15-Nov-2019 |  |  |  | 696 |  | 696 |  | 4,387 |
| 15-May-2020 |  | 3,295 |  | 696 |  | 3,991 |  |  |
| 15-Nov-2020 |  |  |  | 614 |  | 614 |  | 4,605 |
| 15-May-2021 |  | 3,505 |  | 614 |  | 4,119 |  |  |
| 15-Nov-2021 |  |  |  | 526 |  | 526 |  | 4,645 |
| 15-May-2022 |  | 3,720 |  | 526 |  | 4,246 |  |  |
| 15-Nov-2022 |  |  |  | 433 |  | 433 |  | 4,679 |
| 15-May-2023 |  | 3,950 |  | 433 |  | 4,383 |  |  |
| 15-Nov-2023 |  |  |  | 335 |  | 335 |  | 4,718 |
| 15-May-2024 |  | 4,195 |  | 335 |  | 4,530 |  |  |
| 15-Nov-2024 |  |  |  | 230 |  | 230 |  | 4,760 |
| 15-May-2025 |  | 4,455 |  | 230 |  | 4,685 |  |  |
| 15-Nov-2025 |  |  |  | 118 |  | 118 |  | 4,803 |
| 15-May-2026 |  | 4,735 |  | 118 |  | 4,853 |  |  |
|  |  |  |  |  |  |  |  | 4,853 |
|  | \$ | 46,555 | \$ | 20,038 | \$ | 66,593 | \$ | 66,593 |

WATER SYSTEM REVENUE REFUNDING BONDS
SERIES 2011A
(amounts in thousands)

|  | Total Semi- | Total |  |
| :---: | :---: | :---: | :---: |
| Principal | $\underline{\text { Interest }}$ | $\underline{\text { Annual Payment }}$ | $\underline{\text { Annual Payment }}$ |


| 15-May-2012 | \$ | 665 | \$ | 4,798 | \$ | 5,463 | \$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-Nov-2012 |  |  |  | 3,937 |  | 3,937 |  | 9,400 |
| 15-May-2013 |  | 5,400 |  | 3,937 |  | 9,337 |  |  |
| 15-Nov-2013 |  |  |  | 3,856 |  | 3,856 |  | 13,193 |
| 15-May-2014 |  | 1,385 |  | 3,856 |  | 5,241 |  |  |
| 15-Nov-2014 |  |  |  | 3,842 |  | 3,842 |  | 9,083 |
| 15-May-2015 |  | 1,420 |  | 3,842 |  | 5,262 |  |  |
| 15-Nov-2015 |  |  |  | 3,821 |  | 3,821 |  | 9,083 |
| 15-May-2016 |  | 1,460 |  | 3,821 |  | 5,281 |  |  |
| 15-Nov-2016 |  |  |  | 3,799 |  | 3,799 |  | 9,080 |
| 15-May-2017 |  | 2,060 |  | 3,799 |  | 5,859 |  |  |
| 15-Nov-2017 |  |  |  | 3,747 |  | 3,747 |  | 9,606 |
| 15-May-2018 |  | 2,150 |  | 3,747 |  | 5,897 |  |  |
| 15-Nov-2018 |  |  |  | 3,699 |  | 3,699 |  | 9,596 |
| 15-May-2019 |  | 3,985 |  | 3,699 |  | 7,684 |  |  |
| 15-Nov-2019 |  |  |  | 3,619 |  | 3,619 |  | 11,303 |
| 15-May-2020 |  | 5,400 |  | 3,619 |  | 9,019 |  |  |
| 15-Nov-2020 |  |  |  | 3,503 |  | 3,503 |  | 12,522 |
| 15-May-2021 |  | 6,575 |  | 3,503 |  | 10,078 |  |  |
| 15-Nov-2021 |  |  |  | 3,347 |  | 3,347 |  | 13,425 |
| 15-May-2022 |  | 6,730 |  | 3,347 |  | 10,077 |  |  |
| 15-Nov-2022 |  |  |  | 3,179 |  | 3,179 |  | 13,256 |
| 15-May-2023 |  | 7,890 |  | 3,179 |  | 11,069 |  |  |
| 15-Nov-2023 |  |  |  | 2,982 |  | 2,982 |  | 14,051 |
| 15-May-2024 |  | 8,490 |  | 2,982 |  | 11,472 |  |  |
| 15-Nov-2024 |  |  |  | 2,770 |  | 2,770 |  | 14,242 |
| 15-May-2025 |  | 8,930 |  | 2,770 |  | 11,700 |  |  |
| 15-Nov-2025 |  |  |  | 2,546 |  | 2,546 |  | 14,246 |
| 15-May-2026 |  | 9,370 |  | 2,546 |  | 11,916 |  |  |
| 15-Nov-2026 |  |  |  | 2,312 |  | 2,312 |  | 14,228 |
| 15-May-2027 |  | 12,585 |  | 2,312 |  | 14,897 |  |  |
| 15-Nov-2027 |  |  |  | 2,015 |  | 2,015 |  | 16,912 |
| 15-May-2028 |  | 14,445 |  | 2,015 |  | 16,460 |  |  |
| 15-Nov-2028 |  |  |  | 1,654 |  | 1,654 |  | 18,114 |
| 15-May-2029 |  | 8,990 |  | 1,654 |  | 10,644 |  |  |
| 15-Nov-2029 |  |  |  | 1,429 |  | 1,429 |  | 12,073 |
| 15-May-2030 |  | 9,450 |  | 1,429 |  | 10,879 |  |  |
| 15-Nov-2030 |  |  |  | 1,193 |  | 1,193 |  | 12,072 |
| 15-May-2031 |  | 9,935 |  | 1,193 |  | 11,128 |  |  |
| 15-Nov-2031 |  |  |  | 944 |  | 944 |  | 12,072 |
| 15-May-2032 |  | 10,445 |  | 944 |  | 11,389 |  |  |
| 15-Nov-2032 |  |  |  | 683 |  | 683 |  | 12,072 |
| 15-May-2033 |  | 2,465 |  | 683 |  | 3,148 |  |  |
| 15-Nov-2033 |  |  |  | 622 |  | 622 |  | 3,770 |
| 15-May-2034 |  | 2,590 |  | 622 |  | 3,212 |  |  |
| 15-Nov-2034 |  |  |  | 557 |  | 557 |  | 3,769 |
| 15-May-2035 |  | 2,725 |  | 557 |  | 3,282 |  |  |
| 15-Nov-2035 |  |  |  | 489 |  | 489 |  | 3,771 |
| 15-May-2036 |  | 2,865 |  | 489 |  | 3,354 |  |  |
| 15-Nov-2036 |  |  |  | 417 |  | 417 |  | 3,771 |
| 15-May-2037 |  | 3,010 |  | 417 |  | 3,427 |  |  |
| 15-Nov-2037 |  |  |  | 342 |  | 342 |  | 3,769 |
| 15-May-2038 |  | 3,165 |  | 342 |  | 3,507 |  |  |
| 15-Nov-2038 |  |  |  | 263 |  | 263 |  | 3,770 |
| 15-May-2039 |  | 3,330 |  | 263 |  | 3,593 |  |  |
| 15-Nov-2039 |  |  |  | 180 |  | 180 |  | 3,773 |
| 15-May-2040 |  | 3,500 |  | 180 |  | 3,680 |  |  |
| 15-Nov-2040 |  |  |  | 92 |  | 92 |  | 3,772 |
| 15-May-2041 |  | 3,680 |  | 92 |  | 3,772 |  |  |
|  |  |  |  |  |  |  |  | 3,680 |
|  | \$ | 165,090 | \$ | 128,476 | \$ | 293,566 | \$ | 293,474 |

## San Antonio Water System

## WATER SYSTEM JUNIOR LIEN REVENUE BONDS TOTAL DEBT SERVICE TO MATURITY (amounts in thousands)



## San Antonio Water System <br> WATER SYSTEM JUNIOR LIEN REVENUE BONDS

SERIES 2001
(amounts in thousands)

|  | Principal |  | Interest |  |  | Total SemiAnnual Payment |  | Total <br> Annual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | 555 | \$ |  | 124 | \$ | 679 | \$ |  |
| 15-Nov-2012 |  |  |  |  | 116 |  | 116 |  | 795 |
| 15-May-2013 |  | 650 |  |  | 116 |  | 766 |  |  |
| 15-Nov-2013 |  |  |  |  | 105 |  | 105 |  | 871 |
| 15-May-2014 |  | 670 |  |  | 105 |  | 775 |  |  |
| 15-Nov-2014 |  |  |  |  | 95 |  | 95 |  | 870 |
| 15-May-2015 |  | 700 |  |  | 95 |  | 795 |  |  |
| 15-Nov-2015 |  |  |  |  | 83 |  | 83 |  | 878 |
| 15-May-2016 |  | 730 |  |  | 83 |  | 813 |  |  |
| 15-Nov-2016 |  |  |  |  | 70 |  | 70 |  | 883 |
| 15-May-2017 |  | 555 |  |  | 70 |  | 625 |  |  |
| 15-Nov-2017 |  |  |  |  | 61 |  | 61 |  | 686 |
| 15-May-2018 |  | 585 |  |  | 61 |  | 646 |  |  |
| 15-Nov-2018 |  |  |  |  | 50 |  | 50 |  | 696 |
| 15-May-2019 |  | 1,400 |  |  | 50 |  | 1,450 |  |  |
| 15-Nov-2019 |  |  |  |  | 25 |  | 25 |  | 1,475 |
| 15-May-2020 |  | 670 |  |  | 25 |  | 695 |  |  |
| 15-Nov-2020 |  |  |  |  | 13 |  | 13 |  | 708 |
| 15-May-2021 |  | 690 |  |  | 13 |  | 703 |  |  |
|  |  |  |  |  |  |  |  |  | 703 |
|  | \$ | 7,205 | \$ |  | 1,360 | \$ | 8,565 | \$ | 8,565 |

San Antonio Water System
WATER SYSTEM JUNIOR LIEN REVENUE AND REFUNDING BONDS
SERIES 2001-A
(amounts in thousands)

|  | Principal |  | Interest |  |  | Total SemiAnnual Payment |  | Total Annual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | 920 | \$ |  | 224 | \$ | 1,144 | \$ |  |
| 15-Nov-2012 |  |  |  |  | 208 |  | 208 |  | 1,352 |
| 15-May-2013 |  | 965 |  |  | 208 |  | 1,173 |  |  |
| 15-Nov-2013 |  |  |  |  | 190 |  | 190 |  | 1,363 |
| 15-May-2014 |  | 1,015 |  |  | 190 |  | 1,205 |  |  |
| 15-Nov-2014 |  |  |  |  | 171 |  | 171 |  | 1,376 |
| 15-May-2015 |  | 1,050 |  |  | 171 |  | 1,221 |  |  |
| 15-Nov-2015 |  |  |  |  | 151 |  | 151 |  | 1,372 |
| 15-May-2016 |  | 1,115 |  |  | 151 |  | 1,266 |  |  |
| 15-Nov-2016 |  |  |  |  | 129 |  | 129 |  | 1,395 |
| 15-May-2017 |  | 1,155 |  |  | 129 |  | 1,284 |  |  |
| 15-Nov-2017 |  |  |  |  | 106 |  | 106 |  | 1,390 |
| 15-May-2018 |  | 1,215 |  |  | 106 |  | 1,321 |  |  |
| 15-Nov-2018 |  |  |  |  | 81 |  | 81 |  | 1,402 |
| 15-May-2019 |  | 1,315 |  |  | 81 |  | 1,396 |  |  |
| 15-Nov-2019 |  |  |  |  | 54 |  | 54 |  | 1,450 |
| 15-May-2020 |  | 1,250 |  |  | 54 |  | 1,304 |  |  |
| 15-Nov-2020 |  |  |  |  | 28 |  | 28 |  | 1,332 |
| 15-May-2021 |  | 1,335 |  |  | 28 |  | 1,363 |  |  |
| 15-Nov-2021 |  |  |  |  |  |  |  |  | 1,363 |
|  | \$ | 11,335 | \$ |  | 2,460 | \$ | 13,795 | \$ | 13,795 |

## San Antonio Water System <br> WATER SYSTEM JUNIOR LIEN REVENUE BONDS <br> SERIES 2002

(amounts in thousands)

|  | Total Semi- | Total |  |
| :---: | :---: | :---: | :---: |
| Principal | $\underline{\text { Interest }}$ | $\underline{\text { Annual Payment }}$ | $\underline{\text { Annual Payment }}$ |


| 15-May-2012 | \$ | 895 | \$ | 172 | \$ | 1,067 | \$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-Nov-2012 |  |  |  | 161 |  | 161 |  | 1,228 |
| 15-May-2013 |  | 920 |  | 161 |  | 1,081 |  |  |
| 15-Nov-2013 |  |  |  | 149 |  | 149 |  | 1,230 |
| 15-May-2014 |  | 945 |  | 149 |  | 1,094 |  |  |
| 15-Nov-2014 |  |  |  | 136 |  | 136 |  | 1,230 |
| 15-May-2015 |  | 970 |  | 136 |  | 1,106 |  |  |
| 15-Nov-2015 |  |  |  | 123 |  | 123 |  | 1,229 |
| 15-May-2016 |  | 1,000 |  | 123 |  | 1,123 |  |  |
| 15-Nov-2016 |  |  |  | 108 |  | 108 |  | 1,231 |
| 15-May-2017 |  | 1,030 |  | 108 |  | 1,138 |  |  |
| 15-Nov-2017 |  |  |  | 92 |  | 92 |  | 1,230 |
| 15-May-2018 |  | 1,065 |  | 92 |  | 1,157 |  |  |
| 15-Nov-2018 |  |  |  | 75 |  | 75 |  | 1,232 |
| 15-May-2019 |  | 1,100 |  | 75 |  | 1,175 |  |  |
| 15-Nov-2019 |  |  |  | 58 |  | 58 |  | 1,233 |
| 15-May-2020 |  | 1,135 |  | 58 |  | 1,193 |  |  |
| 15-Nov-2020 |  |  |  | 39 |  | 39 |  | 1,232 |
| 15-May-2021 |  | 1,170 |  | 39 |  | 1,209 |  |  |
| 15-Nov-2021 |  |  |  | 20 |  | 20 |  | 1,229 |
| 15-May-2022 |  | 1,210 |  | 20 |  | 1,230 |  |  |
|  |  |  |  |  |  |  |  | 1,230 |
|  |  | 11,440 | \$ | 2,094 | \$ | 13,534 | \$ | 13,534 |

San Antonio Water System
WATER SYSTEM JUNIOR LIEN REVENUE BONDS
SERIES 2002-A
(amounts in thousands)

|  | Principal |  | Interest |  |  | Total SemiAnnual Payment |  | Total <br> Annual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | 670 | \$ |  | 181 | \$ | 851 | \$ |  |
| 15-Nov-2012 |  |  |  |  | 170 |  | 170 |  | 1,021 |
| 15-May-2013 |  | 695 |  |  | 170 |  | 865 |  |  |
| 15-Nov-2013 |  |  |  |  | 157 |  | 157 |  | 1,022 |
| 15-May-2014 |  | 720 |  |  | 157 |  | 877 |  |  |
| 15-Nov-2014 |  |  |  |  | 144 |  | 144 |  | 1,021 |
| 15-May-2015 |  | 750 |  |  | 144 |  | 894 |  |  |
| 15-Nov-2015 |  |  |  |  | 129 |  | 129 |  | 1,023 |
| 15-May-2016 |  | 780 |  |  | 129 |  | 909 |  |  |
| 15-Nov-2016 |  |  |  |  | 114 |  | 114 |  | 1,023 |
| 15-May-2017 |  | 810 |  |  | 114 |  | 924 |  |  |
| 15-Nov-2017 |  |  |  |  | 98 |  | 98 |  | 1,022 |
| 15-May-2018 |  | 845 |  |  | 98 |  | 943 |  |  |
| 15-Nov-2018 |  |  |  |  | 80 |  | 80 |  | 1,023 |
| 15-May-2019 |  | 880 |  |  | 80 |  | 960 |  |  |
| 15-Nov-2019 |  |  |  |  | 62 |  | 62 |  | 1,022 |
| 15-May-2020 |  | 915 |  |  | 62 |  | 977 |  |  |
| 15-Nov-2020 |  |  |  |  | 42 |  | 42 |  | 1,019 |
| 15-May-2021 |  | 960 |  |  | 42 |  | 1,002 |  |  |
| 15-Nov-2021 |  |  |  |  | 22 |  | 22 |  | 1,024 |
| 15-May-2022 |  | 1,000 |  |  | 22 |  | 1,022 |  |  |
|  |  |  |  |  |  |  |  |  | 1,022 |
|  | \$ | 9,025 | \$ |  | 2,217 | \$ | 11,242 | \$ | 1,242 |

San Antonio Water System
WATER SYSTEM JUNIOR LIEN REVENUE BONDS
SERIES 2003
(amounts in thousands)
Total Semi-
Interest
Principal

| 15-May-2012 | \$ | 2,035 | \$ | 375 | \$ | 2,410 | \$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-Nov-2012 |  |  |  | 354 |  | 354 |  | 2,764 |
| 15-May-2013 |  | 2,075 |  | 354 |  | 2,429 |  |  |
| 15-Nov-2013 |  |  |  | 331 |  | 331 |  | 2,760 |
| 15-May-2014 |  | 2,125 |  | 331 |  | 2,456 |  |  |
| 15-Nov-2014 |  |  |  | 307 |  | 307 |  | 2,763 |
| 15-May-2015 |  | 2,175 |  | 307 |  | 2,482 |  |  |
| 15-Nov-2015 |  |  |  | 280 |  | 280 |  | 2,762 |
| 15-May-2016 |  | 2,230 |  | 280 |  | 2,510 |  |  |
| 15-Nov-2016 |  |  |  | 253 |  | 253 |  | 2,763 |
| 15-May-2017 |  | 2,285 |  | 253 |  | 2,538 |  |  |
| 15-Nov-2017 |  |  |  | 222 |  | 222 |  | 2,760 |
| 15-May-2018 |  | 2,350 |  | 222 |  | 2,572 |  |  |
| 15-Nov-2018 |  |  |  | 190 |  | 190 |  | 2,762 |
| 15-May-2019 |  | 2,415 |  | 190 |  | 2,605 |  |  |
| 15-Nov-2019 |  |  |  | 156 |  | 156 |  | 2,761 |
| 15-May-2020 |  | 2,485 |  | 156 |  | 2,641 |  |  |
| 15-Nov-2020 |  |  |  | 120 |  | 120 |  | 2,761 |
| 15-May-2021 |  | 2,560 |  | 120 |  | 2,680 |  |  |
| 15-Nov-2021 |  |  |  | 82 |  | 82 |  | 2,762 |
| 15-May-2022 |  | 2,635 |  | 82 |  | 2,717 |  |  |
| 15-Nov-2022 |  |  |  | 42 |  | 42 |  | 2,759 |
| 15-May-2023 |  | 2,720 |  | 42 |  | 2,762 |  |  |
|  |  |  |  |  |  |  |  | 2,762 |
|  | \$ | 28,090 | \$ | 5,049 | \$ | 33,139 | \$ | 33,139 |

# San Antonio Water System 

## WATER SYSTEM JUNIOR LIEN REVENUE AND REFUNDING BONDS

SERIES 2004
(amounts in thousands)

|  | Principal |  | Interest |  | Total SemiAnnual Payment |  | Total <br> Annual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2011 |  |  |  |  |  |  |  |  |
| 15-Nov-2011 |  |  |  |  |  |  |  |  |
| 15-May-2012 | \$ | 620 | \$ | 129 | \$ | 749 | \$ |  |
| 15-Nov-2012 |  |  |  | 122 |  | 122 |  | 871 |
| 15-May-2013 |  | 630 |  | 122 |  | 752 |  |  |
| 15-Nov-2013 |  |  |  | 115 |  | 115 |  | 867 |
| 15-May-2014 |  | 645 |  | 115 |  | 760 |  |  |
| 15-Nov-2014 |  |  |  | 107 |  | 107 |  | 867 |
| 15-May-2015 |  | 660 |  | 107 |  | 767 |  |  |
| 15-Nov-2015 |  |  |  | 99 |  | 99 |  | 866 |
| 15-May-2016 |  | 680 |  | 99 |  | 779 |  |  |
| 15-Nov-2016 |  |  |  | 91 |  | 91 |  | 870 |
| 15-May-2017 |  | 695 |  | 91 |  | 786 |  |  |
| 15-Nov-2017 |  |  |  | 81 |  | 81 |  | 867 |
| 15-May-2018 |  | 715 |  | 81 |  | 796 |  |  |
| 15-Nov-2018 |  |  |  | 72 |  | 72 |  | 868 |
| 15-May-2019 |  | 735 |  | 72 |  | 807 |  |  |
| 15-Nov-2019 |  |  |  | 61 |  | 61 |  | 868 |
| 15-May-2020 |  | 760 |  | 61 |  | 821 |  |  |
| 15-Nov-2020 |  |  |  | 50 |  | 50 |  | 871 |
| 15-May-2021 |  | 780 |  | 50 |  | 830 |  |  |
| 15-Nov-2021 |  |  |  | 39 |  | 39 |  | 869 |
| 15-May-2022 |  | 805 |  | 39 |  | 844 |  |  |
| 15-Nov-2022 |  |  |  | 27 |  | 27 |  | 871 |
| 15-May-2023 |  | 830 |  | 27 |  | 857 |  |  |
| 15-Nov-2023 |  |  |  | 14 |  | 14 |  | 871 |
| 15-May-2024 |  | 855 |  | 14 |  | 869 |  |  |
|  |  |  |  |  |  |  |  | 869 |
|  | \$ | 9,410 | \$ | 1,885 | \$ | 11,295 | \$ | 11,295 |

## San Antonio Water System

## WATER SYSTEM JUNIOR LIEN REVENUE AND REFUNDING BONDS

SERIES 2004-A
(amounts in thousands)


# San Antonio Water System 

## WATER SYSTEM JUNIOR LIEN REVENUE AND REFUNDING BONDS

SERIES 2007
(amounts in thousands)


# San Antonio Water System 

## WATER SYSTEM JUNIOR LIEN REVENUE AND REFUNDING BONDS

SERIES 2007-A
(amounts in thousands)


San Antonio Water System
WATER SYSTEM JUNIOR LIEN REVENUE BONDS
SERIES 2008
(amounts in thousands)

|  | Total Semi- | Total <br> Principal | $\underline{\text { Interest }}$ |
| :--- | :---: | :---: | :---: |$\quad \underline{\text { Annual Payment }} \quad$| Annual Payment |
| :--- |


| 15-May-2012 | \$ | 700 | \$ | - | \$ | 700 | \$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-Nov-2012 |  |  |  | 455 |  | 455 |  | 1,155 |
| 15-May-2013 |  | 710 |  | 455 |  | 1,165 |  |  |
| 15-Nov-2013 |  |  |  | 450 |  | 450 |  | 1,615 |
| 15-May-2014 |  | 720 |  | 450 |  | 1,170 |  |  |
| 15-Nov-2014 |  |  |  | 444 |  | 444 |  | 1,614 |
| 15-May-2015 |  | 730 |  | 444 |  | 1,174 |  |  |
| 15-Nov-2015 |  |  |  | 438 |  | 438 |  | 1,612 |
| 15-May-2016 |  | 745 |  | 438 |  | 1,183 |  |  |
| 15-Nov-2016 |  |  |  | 430 |  | 430 |  | 1,613 |
| 15-May-2017 |  | 760 |  | 430 |  | 1,190 |  |  |
| 15-Nov-2017 |  |  |  | 421 |  | 421 |  | 1,611 |
| 15-May-2018 |  | 780 |  | 421 |  | 1,201 |  |  |
| 15-Nov-2018 |  |  |  | 412 |  | 412 |  | 1,613 |
| 15-May-2019 |  | 800 |  | 412 |  | 1,212 |  |  |
| 15-Nov-2019 |  |  |  | 401 |  | 401 |  | 1,613 |
| 15-May-2020 |  | 825 |  | 401 |  | 1,226 |  |  |
| 15-Nov-2020 |  |  |  | 389 |  | 389 |  | 1,615 |
| 15-May-2021 |  | 850 |  | 389 |  | 1,239 |  |  |
| 15-Nov-2021 |  |  |  | 376 |  | 376 |  | 1,615 |
| 15-May-2022 |  | 875 |  | 376 |  | 1,251 |  |  |
| 15-Nov-2022 |  |  |  | 362 |  | 362 |  | 1,613 |
| 15-May-2023 |  | 905 |  | 362 |  | 1,267 |  |  |
| 15-Nov-2023 |  |  |  | 347 |  | 347 |  | 1,614 |
| 15-May-2024 |  | 935 |  | 347 |  | 1,282 |  |  |
| 15-Nov-2024 |  |  |  | 331 |  | 331 |  | 1,613 |
| 15-May-2025 |  | 970 |  | 331 |  | 1,301 |  |  |
| 15-Nov-2025 |  |  |  | 314 |  | 314 |  | 1,615 |
| 15-May-2026 |  | 1,005 |  | 314 |  | 1,319 |  |  |
| 15-Nov-2026 |  |  |  | 296 |  | 296 |  | 1,615 |
| 15-May-2027 |  | 1,040 |  | 296 |  | 1,336 |  |  |
| 15-Nov-2027 |  |  |  | 277 |  | 277 |  | 1,613 |
| 15-May-2028 |  | 1,080 |  | 277 |  | 1,357 |  |  |
| 15-Nov-2028 |  |  |  | 257 |  | 257 |  | 1,614 |
| 15-May-2029 |  | 1,120 |  | 257 |  | 1,377 |  |  |
| 15-Nov-2029 |  |  |  | 236 |  | 236 |  | 1,613 |
| 15-May-2030 |  | 1,165 |  | 236 |  | 1,401 |  |  |
| 15-Nov-2030 |  |  |  | 214 |  | 214 |  | 1,615 |
| 15-May-2031 |  | 1,210 |  | 214 |  | 1,424 |  |  |
| 15-Nov-2031 |  |  |  | 191 |  | 191 |  | 1,615 |
| 15-May-2032 |  | 1,255 |  | 191 |  | 1,446 |  |  |
| 15-Nov-2032 |  |  |  | 167 |  | 167 |  | 1,613 |
| 15-May-2033 |  | 1,305 |  | 167 |  | 1,472 |  |  |
| 15-Nov-2033 |  |  |  | 142 |  | 142 |  | 1,614 |
| 15-May-2034 |  | 1,355 |  | 142 |  | 1,497 |  |  |
| 15-Nov-2034 |  |  |  | 116 |  | 116 |  | 1,613 |
| 15-May-2035 |  | 1,410 |  | 116 |  | 1,526 |  |  |
| 15-Nov-2035 |  |  |  | 89 |  | 89 |  | 1,615 |
| 15-May-2036 |  | 1,465 |  | 89 |  | 1,554 |  |  |
| 15-Nov-2036 |  |  |  | 60 |  | 60 |  | 1,614 |
| 15-May-2037 |  | 1,520 |  | 60 |  | 1,580 |  |  |
| 15-Nov-2037 |  |  |  | 31 |  | 31 |  | 1,611 |
| 15-May-2038 |  | 1,580 |  | 31 |  | 1,611 |  |  |
|  |  |  |  |  |  |  |  | 1,611 |
|  | \$ | 27,815 | \$ | 15,292 | \$ | 43,107 | \$ | $\xrightarrow{43,107}$ |

# San Antonio Water System 

WATER SYSTEM JUNIOR LIEN REVENUE AND REFUNDING BONDS
SERIES 2008-A
(amounts in thousands)

|  | Total Semi- | Total <br> Principal | $\underline{\text { Interest }}$ |
| :--- | :---: | :---: | :---: |$\quad \underline{\text { Annual Payment }} \quad$| Annual Payment |
| :--- |


| 15-May-2012 | \$ | 470 | \$ | - | \$ | 470 | \$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-Nov-2012 |  |  |  | 469 |  | 469 |  | 939 |
| 15-May-2013 |  | 480 |  | 469 |  | 949 |  |  |
| 15-Nov-2013 |  |  |  | 463 |  | 463 |  | 1,412 |
| 15-May-2014 |  | 495 |  | 463 |  | 958 |  |  |
| 15-Nov-2014 |  |  |  | 457 |  | 457 |  | 1,415 |
| 15-May-2015 |  | 505 |  | 457 |  | 962 |  |  |
| 15-Nov-2015 |  |  |  | 450 |  | 450 |  | 1,412 |
| 15-May-2016 |  | 520 |  | 450 |  | 970 |  |  |
| 15-Nov-2016 |  |  |  | 442 |  | 442 |  | 1,412 |
| 15-May-2017 |  | 540 |  | 442 |  | 982 |  |  |
| 15-Nov-2017 |  |  |  | 433 |  | 433 |  | 1,415 |
| 15-May-2018 |  | 555 |  | 433 |  | 988 |  |  |
| 15-Nov-2018 |  |  |  | 423 |  | 423 |  | 1,411 |
| 15-May-2019 |  | 580 |  | 423 |  | 1,003 |  |  |
| 15-Nov-2019 |  |  |  | 413 |  | 413 |  | 1,416 |
| 15-May-2020 |  | 600 |  | 413 |  | 1,013 |  |  |
| 15-Nov-2020 |  |  |  | 401 |  | 401 |  | 1,414 |
| 15-May-2021 |  | 625 |  | 401 |  | 1,026 |  |  |
| 15-Nov-2021 |  |  |  | 388 |  | 388 |  | 1,414 |
| 15-May-2022 |  | 650 |  | 388 |  | 1,038 |  |  |
| 15-Nov-2022 |  |  |  | 375 |  | 375 |  | 1,413 |
| 15-May-2023 |  | 680 |  | 375 |  | 1,055 |  |  |
| 15-Nov-2023 |  |  |  | 360 |  | 360 |  | 1,415 |
| 15-May-2024 |  | 710 |  | 360 |  | 1,070 |  |  |
| 15-Nov-2024 |  |  |  | 344 |  | 344 |  | 1,414 |
| 15-May-2025 |  | 740 |  | 344 |  | 1,084 |  |  |
| 15-Nov-2025 |  |  |  | 328 |  | 328 |  | 1,412 |
| 15-May-2026 |  | 775 |  | 328 |  | 1,103 |  |  |
| 15-Nov-2026 |  |  |  | 310 |  | 310 |  | 1,413 |
| 15-May-2027 |  | 815 |  | 310 |  | 1,125 |  |  |
| 15-Nov-2027 |  |  |  | 291 |  | 291 |  | 1,416 |
| 15-May-2028 |  | 850 |  | 291 |  | 1,141 |  |  |
| 15-Nov-2028 |  |  |  | 271 |  | 271 |  | 1,412 |
| 15-May-2029 |  | 890 |  | 271 |  | 1,161 |  |  |
| 15-Nov-2029 |  |  |  | 250 |  | 250 |  | 1,411 |
| 15-May-2030 |  | 935 |  | 250 |  | 1,185 |  |  |
| 15-Nov-2030 |  |  |  | 227 |  | 227 |  | 1,412 |
| 15-May-2031 |  | 980 |  | 227 |  | 1,207 |  |  |
| 15-Nov-2031 |  |  |  | 204 |  | 204 |  | 1,411 |
| 15-May-2032 |  | 1,030 |  | 204 |  | 1,234 |  |  |
| 15-Nov-2032 |  |  |  | 179 |  | 179 |  | 1,413 |
| 15-May-2033 |  | 1,080 |  | 179 |  | 1,259 |  |  |
| 15-Nov-2033 |  |  |  | 153 |  | 153 |  | 1,412 |
| 15-May-2034 |  | 1,135 |  | 153 |  | 1,288 |  |  |
| 15-Nov-2034 |  |  |  | 125 |  | 125 |  | 1,413 |
| 15-May-2035 |  | 1,190 |  | 125 |  | 1,315 |  |  |
| 15-Nov-2035 |  |  |  | 96 |  | 96 |  | 1,411 |
| 15-May-2036 |  | 1,250 |  | 96 |  | 1,346 |  |  |
| 15-Nov-2036 |  |  |  | 66 |  | 66 |  | 1,412 |
| 15-May-2037 |  | 1,315 |  | 66 |  | 1,381 |  |  |
| 15-Nov-2037 |  |  |  | 34 |  | 34 |  | 1,415 |
| 15-May-2038 |  | 1,380 |  | 34 |  | 1,414 |  |  |
|  |  |  |  |  |  |  |  | 1,414 |
|  | \$ | 21,775 | \$ | 15,904 | \$ | 37,679 | \$ | 37,679 |

## San Antonio Water System

WATER SYSTEM JUNIOR LIEN REVENUE BONDS
SERIES 2009
(amounts in thousands)

Principal

| 15-May-2012 | \$ | 1,240 | \$ | - | \$ | 1,240 | \$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-Nov-2012 |  |  |  | 890 |  | 890 |  | 2,130 |
| 15-May-2013 |  | 1,250 |  | 890 |  | 2,140 |  |  |
| 15-Nov-2013 |  |  |  | 884 |  | 884 |  | 3,024 |
| 15-May-2014 |  | 1,265 |  | 884 |  | 2,149 |  |  |
| 15-Nov-2014 |  |  |  | 877 |  | 877 |  | 3,026 |
| 15-May-2015 |  | 1,280 |  | 877 |  | 2,157 |  |  |
| 15-Nov-2015 |  |  |  | 868 |  | 868 |  | 3,025 |
| 15-May-2016 |  | 1,300 |  | 868 |  | 2,168 |  |  |
| 15-Nov-2016 |  |  |  | 856 |  | 856 |  | 3,024 |
| 15-May-2017 |  | 1,325 |  | 856 |  | 2,181 |  |  |
| 15-Nov-2017 |  |  |  | 843 |  | 843 |  | 3,024 |
| 15-May-2018 |  | 1,355 |  | 843 |  | 2,198 |  |  |
| 15-Nov-2018 |  |  |  | 828 |  | 828 |  | 3,026 |
| 15-May-2019 |  | 1,385 |  | 828 |  | 2,213 |  |  |
| 15-Nov-2019 |  |  |  | 812 |  | 812 |  | 3,025 |
| 15-May-2020 |  | 1,420 |  | 812 |  | 2,232 |  |  |
| 15-Nov-2020 |  |  |  | 792 |  | 792 |  | 3,024 |
| 15-May-2021 |  | 1,460 |  | 792 |  | 2,252 |  |  |
| 15-Nov-2021 |  |  |  | 771 |  | 771 |  | 3,023 |
| 15-May-2022 |  | 1,505 |  | 771 |  | 2,276 |  |  |
| 15-Nov-2022 |  |  |  | 747 |  | 747 |  | 3,023 |
| 15-May-2023 |  | 1,555 |  | 747 |  | 2,302 |  |  |
| 15-Nov-2023 |  |  |  | 722 |  | 722 |  | 3,024 |
| 15-May-2024 |  | 1,605 |  | 722 |  | 2,327 |  |  |
| 15-Nov-2024 |  |  |  | 695 |  | 695 |  | 3,022 |
| 15-May-2025 |  | 1,665 |  | 695 |  | 2,360 |  |  |
| 15-Nov-2025 |  |  |  | 664 |  | 664 |  | 3,024 |
| 15-May-2026 |  | 1,730 |  | 664 |  | 2,394 |  |  |
| 15-Nov-2026 |  |  |  | 632 |  | 632 |  | 3,026 |
| 15-May-2027 |  | 1,795 |  | 632 |  | 2,427 |  |  |
| 15-Nov-2027 |  |  |  | 597 |  | 597 |  | 3,024 |
| 15-May-2028 |  | 1,870 |  | 597 |  | 2,467 |  |  |
| 15-Nov-2028 |  |  |  | 559 |  | 559 |  | 3,026 |
| 15-May-2029 |  | 1,945 |  | 559 |  | 2,504 |  |  |
| 15-Nov-2029 |  |  |  | 520 |  | 520 |  | 3,024 |
| 15-May-2030 |  | 2,025 |  | 520 |  | 2,545 |  |  |
| 15-Nov-2030 |  |  |  | 479 |  | 479 |  | 3,024 |
| 15-May-2031 |  | 2,105 |  | 479 |  | 2,584 |  |  |
| 15-Nov-2031 |  |  |  | 436 |  | 436 |  | 3,020 |
| 15-May-2032 |  | 2,200 |  | 436 |  | 2,636 |  |  |
| 15-Nov-2032 |  |  |  | 390 |  | 390 |  | 3,026 |
| 15-May-2033 |  | 2,300 |  | 390 |  | 2,690 |  |  |
| 15-Nov-2033 |  |  |  | 342 |  | 342 |  | 3,032 |
| 15-May-2034 |  | 2,395 |  | 342 |  | 2,737 |  |  |
| 15-Nov-2034 |  |  |  | 291 |  | 291 |  | 3,028 |
| 15-May-2035 |  | 2,500 |  | 291 |  | 2,791 |  |  |
| 15-Nov-2035 |  |  |  | 238 |  | 238 |  | 3,029 |
| 15-May-2036 |  | 2,610 |  | 238 |  | 2,848 |  |  |
| 15-Nov-2036 |  |  |  | 183 |  | 183 |  | 3,031 |
| 15-May-2037 |  | 2,720 |  | 183 |  | 2,903 |  |  |
| 15-Nov-2037 |  |  |  | 125 |  | 125 |  | 3,028 |
| 15-May-2038 |  | 2,840 |  | 125 |  | 2,965 |  |  |
| 15-Nov-2038 |  |  |  | 64 |  | 64 |  | 3,029 |
| 15-May-2039 |  | 2,965 |  | 64 |  | 3,029 |  |  |
|  |  |  |  |  |  |  |  | 3,029 |
|  | \$ | 51,610 | \$ | 32,210 | \$ | 83,820 | \$ | 83,820 |

# San Antonio Water System 

## WATER SYSTEM JUNIOR LIEN REVENUE AND REFUNDING BONDS <br> SERIES 2009A

(amounts in thousands)

|  | Principal |  |  | $\underline{\text { Interest }}$ | Total SemiAnnual Payment |  | Total <br> Annual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | - | \$ | - | \$ | - | \$ |  |
| 15-Nov-2012 |  |  |  | - |  | - |  | - |
| 15-May-2013 |  | - |  | - |  | - |  |  |
| 15-Nov-2013 |  |  |  | - |  | - |  | - |
| 15-May-2014 |  | - |  | - |  | - |  |  |
| 15-Nov-2014 |  |  |  | - |  | - |  | - |
| 15-May-2015 |  | - |  | - |  | - |  |  |
| 15-Nov-2015 |  |  |  | 353 |  | 353 |  | 353 |
| 15-May-2016 |  | 2,240 |  | 353 |  | 2,593 |  |  |
| 15-Nov-2016 |  |  |  | 345 |  | 345 |  | 2,938 |
| 15-May-2017 |  | 2,255 |  | 345 |  | 2,600 |  |  |
| 15-Nov-2017 |  |  |  | 336 |  | 336 |  | 2,936 |
| 15-May-2018 |  | 2,275 |  | 336 |  | 2,611 |  |  |
| 15-Nov-2018 |  |  |  | 324 |  | 324 |  | 2,935 |
| 15-May-2019 |  | 2,305 |  | 324 |  | 2,629 |  |  |
| 15-Nov-2019 |  |  |  | 308 |  | 308 |  | 2,937 |
| 15-May-2020 |  | 2,340 |  | 308 |  | 2,648 |  |  |
| 15-Nov-2020 |  |  |  | 289 |  | 289 |  | 2,937 |
| 15-May-2021 |  | 2,385 |  | 289 |  | 2,674 |  |  |
| 15-Nov-2021 |  |  |  | 265 |  | 265 |  | 2,939 |
| 15-May-2022 |  | 2,430 |  | 265 |  | 2,695 |  |  |
| 15-Nov-2022 |  |  |  | 240 |  | 240 |  | 2,935 |
| 15-May-2023 |  | 2,485 |  | 240 |  | 2,725 |  |  |
| 15-Nov-2023 |  |  |  | 211 |  | 211 |  | 2,936 |
| 15-May-2024 |  | 2,545 |  | 211 |  | 2,756 |  |  |
| 15-Nov-2024 |  |  |  | 181 |  | 181 |  | 2,937 |
| 15-May-2025 |  | 2,605 |  | 181 |  | 2,786 |  |  |
| 15-Nov-2025 |  |  |  | 148 |  | 148 |  | 2,934 |
| 15-May-2026 |  | 2,675 |  | 148 |  | 2,823 |  |  |
| 15-Nov-2026 |  |  |  | 115 |  | 115 |  | 2,938 |
| 15-May-2027 |  | 2,745 |  | 115 |  | 2,860 |  |  |
| 15-Nov-2027 |  |  |  | 78 |  | 78 |  | 2,938 |
| 15-May-2028 |  | 2,820 |  | 78 |  | 2,898 |  |  |
| 15-Nov-2028 |  |  |  | 41 |  | 41 |  | 2,939 |
| 15-May-2029 |  | 2,895 |  | 41 |  | 2,936 |  |  |
|  |  |  |  |  |  |  |  | 2,936 |
|  | \$ | 35,000 | \$ | 6,468 | \$ | 41,468 | \$ | 41,468 |

# San Antonio Water System 

WATER SYSTEM JUNIOR LIEN REVENUE AND REFUNDING BONDS
SERIES 2010
(amounts in thousands)

|  | Principal |  | $\underline{\text { Interest }}$ |  | Total SemiAnnual Payment |  | TotalAnnual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | 5,865 | \$ | - | \$ | 5,865 | \$ |  |
| 15-Nov-2012 |  |  |  | 971 |  | 971 |  | 6,836 |
| 15-May-2013 |  | 6,035 |  | 971 |  | 7,006 |  |  |
| 15-Nov-2013 |  |  |  | 880 |  | 880 |  | 7,886 |
| 15-May-2014 |  | 6,240 |  | 880 |  | 7,120 |  |  |
| 15-Nov-2014 |  |  |  | 755 |  | 755 |  | 7,875 |
| 15-May-2015 |  | 6,490 |  | 755 |  | 7,245 |  |  |
| 15-Nov-2015 |  |  |  | 626 |  | 626 |  | 7,871 |
| 15-May-2016 |  | 6,745 |  | 626 |  | 7,371 |  |  |
| 15-Nov-2016 |  |  |  | 491 |  | 491 |  | 7,862 |
| 15-May-2017 |  | 7,025 |  | 491 |  | 7,516 |  |  |
| 15-Nov-2017 |  |  |  | 341 |  | 341 |  | 7,857 |
| 15-May-2018 |  | 7,345 |  | 341 |  | 7,686 |  |  |
| 15-Nov-2018 |  |  |  | 158 |  | 158 |  | 7,844 |
| 15-May-2019 |  | 7,675 |  | 158 |  | 7,833 |  |  |
|  |  |  |  |  |  |  |  | 7,833 |
|  | \$ | 53,420 | \$ | 8,444 | \$ | 61,864 | \$ | 61,864 |

San Antonio Water System
WATER SYSTEM JUNIOR LIEN REVENUE AND REFUNDING BONDS
SERIES 2010A
(amounts in thousands)

|  | Principal |  |  | Interest | Total SemiAnnual Payment |  | Total <br> Annual Payment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | 475 | \$ | - | \$ | 475 | \$ |  |
| 15-Nov-2012 |  |  |  | 195 |  | 195 |  | 670 |
| 15-May-2013 |  | 475 |  | 195 |  | 670 |  |  |
| 15-Nov-2013 |  |  |  | 195 |  | 195 |  | 865 |
| 15-May-2014 |  | 475 |  | 195 |  | 670 |  |  |
| 15-Nov-2014 |  |  |  | 195 |  | 195 |  | 865 |
| 15-May-2015 |  | 475 |  | 195 |  | 670 |  |  |
| 15-Nov-2015 |  |  |  | 195 |  | 195 |  | 865 |
| 15-May-2016 |  | 480 |  | 195 |  | 675 |  |  |
| 15-Nov-2016 |  |  |  | 194 |  | 194 |  | 869 |
| 15-May-2017 |  | 480 |  | 194 |  | 674 |  |  |
| 15-Nov-2017 |  |  |  | 192 |  | 192 |  | 866 |
| 15-May-2018 |  | 485 |  | 192 |  | 677 |  |  |
| 15-Nov-2018 |  |  |  | 189 |  | 189 |  | 866 |
| 15-May-2019 |  | 495 |  | 189 |  | 684 |  |  |
| 15-Nov-2019 |  |  |  | 185 |  | 185 |  | 869 |
| 15-May-2020 |  | 500 |  | 185 |  | 685 |  |  |
| 15-Nov-2020 |  |  |  | 181 |  | 181 |  | 866 |
| 15-May-2021 |  | 510 |  | 181 |  | 691 |  |  |
| 15-Nov-2021 |  |  |  | 177 |  | 177 |  | 868 |
| 15-May-2022 |  | 520 |  | 177 |  | 697 |  |  |
| 15-Nov-2022 |  |  |  | 171 |  | 171 |  | 868 |
| 15-May-2023 |  | 530 |  | 171 |  | 701 |  |  |
| 15-Nov-2023 |  |  |  | 166 |  | 166 |  | 867 |
| 15-May-2024 |  | 540 |  | 166 |  | 706 |  |  |
| 15-Nov-2024 |  |  |  | 160 |  | 160 |  | 866 |
| 15-May-2025 |  | 555 |  | 160 |  | 715 |  |  |
| 15-Nov-2025 |  |  |  | 153 |  | 153 |  | 868 |
| 15-May-2026 |  | 565 |  | 153 |  | 718 |  |  |
| 15-Nov-2026 |  |  |  | 146 |  | 146 |  | 864 |
| 15-May-2027 |  | 580 |  | 146 |  | 726 |  |  |
| 15-Nov-2027 |  |  |  | 139 |  | 139 |  | 865 |
| 15-May-2028 |  | 595 |  | 139 |  | 734 |  |  |
| 15-Nov-2028 |  |  |  | 131 |  | 131 |  | 865 |
| 15-May-2029 |  | 615 |  | 131 |  | 746 |  |  |
| 15-Nov-2029 |  |  |  | 123 |  | 123 |  | 869 |
| 15-May-2030 |  | 630 |  | 123 |  | 753 |  |  |
| 15-Nov-2030 |  |  |  | 114 |  | 114 |  | 867 |
| 15-May-2031 |  | 650 |  | 114 |  | 764 |  |  |
| 15-Nov-2031 |  |  |  | 105 |  | 105 |  | 869 |
| 15-May-2032 |  | 665 |  | 105 |  | 770 |  |  |
| 15-Nov-2032 |  |  |  | 95 |  | 95 |  | 865 |
| 15-May-2033 |  | 685 |  | 95 |  | 780 |  |  |
| 15-Nov-2033 |  |  |  | 85 |  | 85 |  | 865 |
| 15-May-2034 |  | 705 |  | 85 |  | 790 |  |  |
| 15-Nov-2034 |  |  |  | 74 |  | 74 |  | 864 |
| 15-May-2035 |  | 730 |  | 74 |  | 804 |  |  |
| 15-Nov-2035 |  |  |  | 63 |  | 63 |  | 867 |
| 15-May-2036 |  | 750 |  | 63 |  | 813 |  |  |
| 15-Nov-2036 |  |  |  | 51 |  | 51 |  | 864 |
| 15-May-2037 |  | 775 |  | 51 |  | 826 |  |  |
| 15-Nov-2037 |  |  |  | 39 |  | 39 |  | 865 |
| 15-May-2038 |  | 800 |  | 39 |  | 839 |  |  |
| 15-Nov-2038 |  |  |  | 27 |  | 27 |  | 866 |
| 15-May-2039 |  | 825 |  | 27 |  | 852 |  |  |
| 15-Nov-2039 |  |  |  | 14 |  | 14 |  | 866 |
| 15-May-2040 |  | 855 |  | 14 |  | 869 |  |  |
|  |  |  |  |  |  |  |  | 869 |
|  | \$ | 17,420 | \$ | 7,508 | \$ | 24,928 | \$ | 24,928 |

## San Antonio Water System

WATER SYSTEM JUNIOR LIEN REVENUE BONDS
SERIES 2011
(amounts in thousands)

|  | Principal |  | Interest |  | Total SemiAnnual Payment |  | $\begin{gathered} \text { Total } \\ \text { Annual Payment } \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-May-2012 | \$ | 1,120 | \$ | 171 | \$ | 1,291 | \$ |  |
| 15-Nov-2012 |  |  |  | 115 |  | 115 |  | 1,406 |
| 15-May-2013 |  | 1,175 |  | 115 |  | 1,290 |  |  |
| 15-Nov-2013 |  |  |  | 115 |  | 115 |  | 1,405 |
| 15-May-2014 |  | 1,175 |  | 115 |  | 1,290 |  |  |
| 15-Nov-2014 |  |  |  | 115 |  | 115 |  | 1,405 |
| 15-May-2015 |  | 1,175 |  | 115 |  | 1,290 |  |  |
| 15-Nov-2015 |  |  |  | 115 |  | 115 |  | 1,405 |
| 15-May-2016 |  | 1,175 |  | 115 |  | 1,290 |  |  |
| 15-Nov-2016 |  |  |  | 115 |  | 115 |  | 1,405 |
| 15-May-2017 |  | 1,175 |  | 115 |  | 1,290 |  |  |
| 15-Nov-2017 |  |  |  | 115 |  | 115 |  | 1,405 |
| 15-May-2018 |  | 1,175 |  | 115 |  | 1,290 |  |  |
| 15-Nov-2018 |  |  |  | 115 |  | 115 |  | 1,405 |
| 15-May-2019 |  | 1,175 |  | 115 |  | 1,290 |  |  |
| 15-Nov-2019 |  |  |  | 113 |  | 113 |  | 1,403 |
| 15-May-2020 |  | 1,180 |  | 113 |  | 1,293 |  |  |
| 15-Nov-2020 |  |  |  | 109 |  | 109 |  | 1,402 |
| 15-May-2021 |  | 1,190 |  | 109 |  | 1,299 |  |  |
| 15-Nov-2021 |  |  |  | 105 |  | 105 |  | 1,404 |
| 15-May-2022 |  | 1,200 |  | 105 |  | 1,305 |  |  |
| 15-Nov-2022 |  |  |  | 99 |  | 99 |  | 1,404 |
| 15-May-2023 |  | 1,215 |  | 99 |  | 1,314 |  |  |
| 15-Nov-2023 |  |  |  | 92 |  | 92 |  | 1,406 |
| 15-May-2024 |  | 1,230 |  | 92 |  | 1,322 |  |  |
| 15-Nov-2024 |  |  |  | 84 |  | 84 |  | 1,406 |
| 15-May-2025 |  | 1,245 |  | 84 |  | 1,329 |  |  |
| 15-Nov-2025 |  |  |  | 74 |  | 74 |  | 1,403 |
| 15-May-2026 |  | 1,265 |  | 74 |  | 1,339 |  |  |
| 15-Nov-2026 |  |  |  | 64 |  | 64 |  | 1,403 |
| 15-May-2027 |  | 1,285 |  | 64 |  | 1,349 |  |  |
| 15-Nov-2027 |  |  |  | 53 |  | 53 |  | 1,402 |
| 15-May-2028 |  | 1,310 |  | 53 |  | 1,363 |  |  |
| 15-Nov-2028 |  |  |  | 41 |  | 41 |  | 1,404 |
| 15-May-2029 |  | 1,335 |  | 41 |  | 1,376 |  |  |
| 15-Nov-2029 |  |  |  | 28 |  | 28 |  | 1,404 |
| 15-May-2030 |  | 1,360 |  | 28 |  | 1,388 |  |  |
| 15-Nov-2030 |  |  |  | 14 |  | 14 |  | 1,402 |
| 15-May-2031 |  | 1,390 |  | 14 |  | 1,404 |  |  |
|  |  |  |  |  |  |  |  | 1,404 |
|  | \$ | 24,550 | \$ | 3,533 | \$ | 28,083 | \$ | 8,083 |

San Antonio Water System
WATER SYSTEM JUNIOR LIEN REVENUE AND REFUNDING BONDS
SERIES 2011A
(amounts in thousands)

Principal

|  | Total Semi- <br> Interest | $\underline{\text { Annual Payment }}$ |
| :--- | :---: | :---: | | Total |
| :---: |$\quad \underline{ }$


| 15-May-2012 | \$ | 335 | \$ | 365 | \$ | 700 | \$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15-Nov-2012 |  |  |  | 246 |  | 246 |  | 946 |
| 15-May-2013 |  | 455 |  | 246 |  | 701 |  |  |
| 15-Nov-2013 |  |  |  | 246 |  | 246 |  | 947 |
| 15-May-2014 |  | 455 |  | 246 |  | 701 |  |  |
| 15-Nov-2014 |  |  |  | 246 |  | 246 |  | 947 |
| 15-May-2015 |  | 455 |  | 246 |  | 701 |  |  |
| 15-Nov-2015 |  |  |  | 245 |  | 245 |  | 946 |
| 15-May-2016 |  | 455 |  | 245 |  | 700 |  |  |
| 15-Nov-2016 |  |  |  | 244 |  | 244 |  | 944 |
| 15-May-2017 |  | 460 |  | 244 |  | 704 |  |  |
| 15-Nov-2017 |  |  |  | 242 |  | 242 |  | 946 |
| 15-May-2018 |  | 465 |  | 242 |  | 707 |  |  |
| 15-Nov-2018 |  |  |  | 239 |  | 239 |  | 946 |
| 15-May-2019 |  | 475 |  | 239 |  | 714 |  |  |
| 15-Nov-2019 |  |  |  | 235 |  | 235 |  | 949 |
| 15-May-2020 |  | 480 |  | 235 |  | 715 |  |  |
| 15-Nov-2020 |  |  |  | 231 |  | 231 |  | 946 |
| 15-May-2021 |  | 490 |  | 231 |  | 721 |  |  |
| 15-Nov-2021 |  |  |  | 226 |  | 226 |  | 947 |
| 15-May-2022 |  | 500 |  | 226 |  | 726 |  |  |
| 15-Nov-2022 |  |  |  | 221 |  | 221 |  | 947 |
| 15-May-2023 |  | 510 |  | 221 |  | 731 |  |  |
| 15-Nov-2023 |  |  |  | 214 |  | 214 |  | 945 |
| 15-May-2024 |  | 525 |  | 214 |  | 739 |  |  |
| 15-Nov-2024 |  |  |  | 208 |  | 208 |  | 947 |
| 15-May-2025 |  | 540 |  | 208 |  | 748 |  |  |
| 15-Nov-2025 |  |  |  | 200 |  | 200 |  | 948 |
| 15-May-2026 |  | 555 |  | 200 |  | 755 |  |  |
| 15-Nov-2026 |  |  |  | 192 |  | 192 |  | 947 |
| 15-May-2027 |  | 570 |  | 192 |  | 762 |  |  |
| 15-Nov-2027 |  |  |  | 184 |  | 184 |  | 946 |
| 15-May-2028 |  | 590 |  | 184 |  | 774 |  |  |
| 15-Nov-2028 |  |  |  | 175 |  | 175 |  | 949 |
| 15-May-2029 |  | 605 |  | 175 |  | 780 |  |  |
| 15-Nov-2029 |  |  |  | 166 |  | 166 |  | 946 |
| 15-May-2030 |  | 625 |  | 166 |  | 791 |  |  |
| 15-Nov-2030 |  |  |  | 155 |  | 155 |  | 946 |
| 15-May-2031 |  | 645 |  | 155 |  | 800 |  |  |
| 15-Nov-2031 |  |  |  | 145 |  | 145 |  | 945 |
| 15-May-2032 |  | 670 |  | 145 |  | 815 |  |  |
| 15-Nov-2032 |  |  |  | 133 |  | 133 |  | 948 |
| 15-May-2033 |  | 690 |  | 133 |  | 823 |  |  |
| 15-Nov-2033 |  |  |  | 121 |  | 121 |  | 944 |
| 15-May-2034 |  | 715 |  | 121 |  | 836 |  |  |
| 15-Nov-2034 |  |  |  | 109 |  | 109 |  | 945 |
| 15-May-2035 |  | 745 |  | 109 |  | 854 |  |  |
| 15-Nov-2035 |  |  |  | 95 |  | 95 |  | 949 |
| 15-May-2036 |  | 770 |  | 95 |  | 865 |  |  |
| 15-Nov-2036 |  |  |  | 81 |  | 81 |  | 946 |
| 15-May-2037 |  | 800 |  | 81 |  | 881 |  |  |
| 15-Nov-2037 |  |  |  | 66 |  | 66 |  | 947 |
| 15-May-2038 |  | 830 |  | 66 |  | 896 |  |  |
| 15-Nov-2038 |  |  |  | 51 |  | 51 |  | 947 |
| 15-May-2039 |  | 860 |  | 51 |  | 911 |  |  |
| 15-Nov-2039 |  |  |  | 35 |  | 35 |  | 946 |
| 15-May-2040 |  | 895 |  | 35 |  | 930 |  |  |
| 15-Nov-2040 |  |  |  | 18 |  | 18 |  | 948 |
| 15-May-2041 |  | 930 |  | 18 |  | 948 |  |  |
|  |  |  |  |  |  |  |  | 930 |
|  | \$ | 18,095 | \$ | 10,303 | \$ | 28,398 | \$ | 28,380 |

# San Antonio Water System <br> <br> REVENUE BOND DEBT COVERAGE RATIO 

 <br> <br> REVENUE BOND DEBT COVERAGE RATIO}

For the Year Ended December 31, 2011
(\$ in thousands)

| Operating Revenues |  |  |
| :--- | ---: | ---: |
| Less Revenues from City Public Service Contract | $\$$ | 417,869 |
| Nonoperating Revenues <br> Less: Federal Subsidy - Build America Bonds <br> Interest on Project Funds | 415,036 |  |

[^1]
## FEDERAL AWARD SECTION

# Independent Auditors' Report on Internal Control Over <br> Financial Reporting and on Compliance and Other Matters <br> Based on an Audit of Financial Statements Performed in <br> Accordance With Government Auditing Standards 

To the Board of Trustees<br>San Antonio Water System<br>San Antonio, Texas

We have audited the balance sheet of San Antonio Water System ("SAWS"), a component unit of the City of San Antonio, Texas as of and for the year ended December 31, 2011, and the related statements of revenues, expenses, and changes in equity and cash flows for the year then ended and the statements of net plan assets and changes in net plan assets as of and for the year ended December 31, 2011, and have issued our report thereon dated March 20, 2012. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States.

## Internal Control Ovet Financial Reporting

Management of SAWS is responsible for establishing and maintaining effective internal control over: financial reporting. In planning and performing our audit, we considered SAWS internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of SAWS internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of SAWS' internal control over financial reporting.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the fitst paragraph of this section and was not designed to identify all deficiencies in internal control over: financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

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AUSTIN, TEXAS 78704
5124760717

## Compliance and Other Matters

As part of obtaining reasonable assurance about whether SAWS financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements, and the Public Funds Investment Act, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards or the Public Funds Investment Act.

We noted certain matters that we reported to management of SAWS in a separate letter dated March 20 , 2012.

This report is intended solely for the information and use of management, the Board of Trustees, federal and state awarding agencies, and pass-through entities and is not intended to be, and should not be, used by anyone other than these specified parties.

$$
\text { Parget; Stratemann }+C 0, \text {, } L P
$$

Certified Public Accountants

March 20, 2012

# Independent Auditors' Report on Compliance With <br> Requirements That Could Have a Direct and Material Effect on Each Major Program and on Internal Control Over Compliance in Accordance With OMB Circular A-133 

To the Board of Trustees
San Antonio Water System
San Antonio, Texas

## Compliance

We have audited the San Antonio Water System ("SAWS") compliance with the types of compliance requirements described in the OMB Circular A-133 Compliance Supplement that could have a direct and material effect on SAWS' major federal program for the year ended December 31, 2011. SAWS' major federal program is identified in the summary of auditors' results section of the accompanying Schedule of Findings and Questioned Costs. Compliance with the requirements of laws, regulations, contracts, and grants applicable to its major federal program is the responsibility of SAWS' management. Our responsibility is to express an opinion on SAWS' compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in Govermment Auditing Standards, issued by the Comptroller General of the United States; and OMB Circular A-133, Audits of States, Local Govermments, and Non-Profit Organizations. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about SAWS' compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination of SAWS' compliance with those requirements.

In our opinion, SAWS complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on its major federal program for the year ended December 31, 2011.

## Internal Control Over Compliance

Management of SAWS is responsible for establishing and maintaining effective internal control over compliance with the requirements of laws, regulations, contracts, and grants applicable to federal programs. In planning and performing our audit, we considered SAWS' internal control over compliance with the requirements that could have a direct and material effect on a major federal program to determine the auditing procedures for the purpose of expressing our opinion on compliance and to test and report on

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5124760717
internal control over compliance in accordance with OMB Circular A-133, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of SAWS' internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

This report is intended solely for the information and use of management, the Board of Trustees, federal and state awarding agencies, and pass-through entities and is not intended to be, and should not be, used by anyone other than these specified parties.

## Parget; Stratemann +10 , LP

Certified Public Accountants

March 20, 2012

## San Antonio Water System

## Schedule of Findings and Questioned Costs

## Year Ended December 31, 2011

A. Summary of Auditors' Results

1. Financial Statements

Type of auditors' report issued:
Internal control over financial reporting:
Material weakness(es) identified?
Significant deficiency(ies) identified that are not considered to be material weaknesses?

Noncompliance material to financial statements noted?
2. Federal Awards

Internal control over major programs:
Material weakness(es) identified?
Significant deficiency(ies) identified that are not considered to be material weaknesses?

Type of auditors' report issued on compliance for major programs:

Any audit findings disclosed that are required to be reported in accordance with Section 510(a) of Circular A-133?
3. Identification of major programs:
CFDA Number(s)
66.458

Dollar threshold used to distinguish between type A and type B programs:

Auditee qualified as low-risk auditee?
B. Financial Statement Findings

None
C. Federal Award Findings and Questioned Costs

None

## SAN ANTONIO WATER SYSTEM

## SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS THROUGH DECEMBER 31, 2011

| Federal Grantor/Pass-Through/Grantor/Program Title | Federal <br> CFDA <br> CFDA Number | Program/ Grant Number | Total <br> Program/ <br> Grant Award |  | Expenditures |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Environmental Protection Agency |  |  |  |  |  |  |
| Pass Through: |  |  |  |  |  |  |
| Texas Water Development Board |  |  |  |  |  |  |
| (Clean Water State Revolving Fund) |  |  |  |  |  |  |
| Series 1999 A Junior Lien Revenue and Refunding Bonds | 66.458 | - | \$ | 47,500,000 | \$ | - |
| Series 2002 Junior Lien Revenue Bonds | 66.458 | - |  | 15,650,000 |  | - |
| Series 2003 Junior Lien Revenue Bonds | 66.458 | - |  | 34,000,000 |  | - |
| Series 2004 Junior Lien Revenue and Refunding Bonds | 66.458 | - |  | 10,635,000 |  | - |
| Series 2007 Junior Lien Revenue and Refunding Bonds | 66.458 | - |  | 8,070,000 |  | 44,215 |
| Series 2008 Junior Lien Revenue Bonds | 66.458 | - |  | 30,000,000 |  | 7,435 |
| Series 2010A Junior Lien Revenue and Refunding Bonds | 66.458 | - |  | 17,930,000 |  | 12,232,457 |
| Total Passed Through Texas Water Development Board |  |  |  |  | \$ | 12,284,107 |
| Environmental Protection Agency |  |  |  |  |  |  |
| Design \& Construction of Water improvements Brooks City Base | 66.606 | XP-97678901-2 | \$ | 1,253,600 | \$ | - |
| Water Infrastructure Improvements at Kelly USA | 66.202 | XP-96628201-3 |  | 481,100 |  | 6,728 |
| Kelly USA Project for Water Infrastructure Improvements (formally Construction of Sewage Collection System for Espada area) | 66.202 | XP-96626001-3 |  | 144,300 |  | - |
| Rehabilitation of Central Watershed Sewer Relief Line C-02 Phase II | 66.202 | XP-00F02701-1 |  | 1,250,000 |  | 500,725 |
| Total Environmental Protection Agency |  |  |  |  | \$ | 507,453 |
| Total Federal Financial Assistance |  |  |  |  | \$ | 12,791,560 |

## SAN ANTONIO WATER SYSTEM NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

## DECEMBER 31, 2011

1. The accompanying schedule of expenditures of federal awards includes the federal grant activity of the System and is presented on the accrual basis of accounting. The information in this schedule is presented in accordance with the requirements of OMB A-133, Audits of States, Local Governments, and Non Profit Organizations. Therefore, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the financial statements.
2. The System is indebted to the Texas Water Development Board (TWDB) as a result of issuance of the City of San Antonio, Texas Water System Junior Lien Revenue and Refunding Bonds, Series 2004, 2007, and 2010A; and Junior Lien Revenue Bonds, 2002, 2003, and 2008. The bonds were sold under the federal cross cutter program for financing qualified System improvements related to wastewater and recycled water systems. The amounts reflected in the Schedule of Expenditures of Federal Awards represents expenditures incurred during the year ended December 31, 2011. The following table contains information about these bonds.

|  | Federal <br> CFDA | Interest <br> Rate | Term - <br> Annual Maturities <br> Through | Outstanding Balance <br> at December 31, 2011 <br> (amounts in thousands) |
| :---: | :---: | :---: | :---: | :---: |
| CFDA Number |  |  |  |  |
| Series 2002 Junior Lien Bonds | 66.458 | $2.45 \%-3.30 \%$ | May 15, 2022 | $\$ 11,440$ |
| Series 2003 Junior Lien Bonds | 66.458 | $2.05 \%-3.10 \%$ | May 15, 2023 | $\$ 28,090$ |
| Series 2004 Junior Lien Bonds | 66.458 | $2.10 \%-3.20 \%$ | May 15, 2024 | $\$ 9,410$ |
| Series 2007 Junior Lien Bonds | 66.458 | $1.70 \%-2.40 \%$ | May 15, 2027 | $\$ 6,690$ |
| Series 2008 Junior Lien Bonds | 66.458 | $1.15 \%-3.95 \%$ | May 15, 2038 | $\$ 27,815$ |
| Series 2010A Junior Lien Bonds | 66.458 | $0.00 \%-3.31 \%$ | May 15, 2040 | $\$ 17,420$ |

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[^0]:    Note: See Analysis of Changes in Bonded Debt for further explanation of call options

[^1]:    ${ }^{1}$ Annual debt service requirements consist of principal and interest payments net of the U.S. federal interest subsidy on the Series 2009B \& 2010B revenue bonds.

