

## **Public Utilities**



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## Department Description

Public Utilities is composed of four branches: Business Support, Water Quality, Distribution and Collection, and Strategic Programs. Each branch performs distinct functions as outlined below.

The Business Support Branch is comprised of the following divisions:

***Long-Range Planning and Water Resources*** – This division provides long-range water resources planning and development, watershed and resources protection, water and wastewater legislation and policy analysis, and management of the City's recycled water and water conservation programs. The Division is also responsible for the management of follow-on work associated with the Water Purification Demonstration Project and Recycled Water Study. The follow-on work consists of a comprehensive look at examining potable reuse to provide a safe and reliable water source for the City's future.

***Finance and Information Technology*** – This division provides administrative support for the Water and Wastewater Enterprise Funds including Information Systems, Budget Development and Monitoring, Accounts Payable, Rate Setting and Finance, and the Administration of Contracts, Grants, and State Revolving Fund (SRF) Loans.

***Customer Support*** – This division provides high quality customer-focused care and service to Public Utility Department patrons. The Division handles and responds to customer phone calls and emails including account/billing inquiries, water conservation information, water waste complaints, and general water/sewer utility information. In addition, the Division is responsible for customer billing and payment processing, meter reading and code enforcement, ensuring customer compliance with State backflow device requirements, and providing public information.

***Engineering and Program Management*** – This division provides engineering services for Water, Wastewater, and Reclaimed Water Systems to ensure new facilities, repairs, and upgrades are planned and implemented in a fiscally-sound manner to meet regulatory and environmental standards. This division also provides long-range master planning, condition assessment, water and sewer modeling, planning and pre-design for infrastructure, energy management, environmental support, and oversight of the implementation of the Water, Wastewater, and Reclaimed Water System's Capital Improvement Program.

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The Water Quality Branch is comprised of the following divisions:

***Wastewater Treatment and Disposal*** – This division operates and maintains a wastewater treatment plant, two water reclamation plants, a bio-solids processing facility, and eight large wastewater pump stations. With these facilities, the Division provides regional wastewater treatment and disposal services to the City of San Diego, as well as 12 surrounding cities and special districts.

***Water System Operations*** – This division operates and maintains the City's raw water supply system, potable water treatment and distribution system, and the recycled water distribution system. This division also manages the recreational program at the City's raw water reservoirs (lakes). Major facilities include nine raw water reservoirs (lakes), three water treatment plants, a recycled water distribution system with four pump stations and three reservoirs/tanks, and a complex and vast potable water distribution system with over 130 pressure zones, 49 pump stations, 29 tanks/reservoirs, and more than 950 pressure regulators. In addition, the Division provides corrosion engineering support and water supply operations management for the Department.

***Environmental Monitoring and Technical Services*** – This division provides permit compliance and monitoring services for the Water and Wastewater Systems to ensure water quality standards are maintained to meet regulatory and environmental standards. This division also administers the Industrial Wastewater Control Program which regulates and monitors industrial businesses' compliance with national pre-treatment standards to minimize toxic and other incompatible discharges into the sewer system. The Program also develops commercial and industrial sewer billing rates for large users in compliance with state revenue guidelines.

The Collection and Distribution Branch is comprised of the following divisions:

***Wastewater Collection*** – This division provides efficient operations and maintenance of the wastewater collection system which consists of 3,019 miles of sewer mains and 75 sewer pump stations, as well as the Mission Bay and Coastal Low-flow system consisting of 24 interceptor pump stations and 50 diversion structures. The Division also administers the Food Establishment Wastewater Discharge Permitting Program which permits and monitors over 5,000 food establishments to minimize the discharge of fats, oils, and grease into the wastewater collection system.

***Water Construction and Maintenance*** – This division provides construction, maintenance, and emergency response for the potable water system. The Division maintains approximately 279,412 metered service connections, approximately 25,157 fire hydrants, and more than 28,917 isolation valves. The Division performs construction activities for the recycled distribution system citywide and provides 24-hour emergency response, water main repair, Capital Improvement Program (CIP) support, and the maintenance, installation, and replacement of water meters throughout the City.

The Strategic Programs Branch responsibilities are as follows:

***Employee Services and Quality Assurance*** – This division provides employee and management services in the areas of human resources management, payroll, safety, security, training and quality assurance. It also provides administrative support to the Independent Rates Oversight Committee and is involved in various internal business support services including contract formulation and administration, internal quality assurance audit support, management of Public Records Act requests, and records management.

***Asset Management*** – This section coordinates Department activities that contribute to a unified methodology for asset management providing oversight, direction, and integration of activities to promote Public Utilities' goal of providing cost-effective water, recycled water, and wastewater services. This section is responsible for the management of the Department's GIS system and data, and is also leading the implementation of an SAP-based Enterprise Asset Management system.

***Strategic Support Services*** – This section coordinates the development of the Public Utilities Department five-year strategic business plan and coordinates the development and tracking of the annual initiatives throughout the Department. Quarterly progress reports are coordinated and a final report is published for stakeholders and

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ratepayers. This team assists with, and tracks progress on, various consolidation and efficiency initiatives throughout the Department. Progress reports are coordinated and a final report is published for stakeholders and ratepayers. The section also conducts benchmarking studies for the Department and administers a Leadership Development Program and an Employee Opinion Survey to all Public Utilities employees.

## Oversight

The Independent Rates Oversight Committee (IROC) was established by ordinance in 2007 to serve as an official advisory body to the Mayor, City Council, and Department management on policy issues related to the oversight of Public Utilities Department operations including, but not limited to, rate structures, cost effectiveness, resource management, planned expenditures, service delivery methods, public awareness and outreach efforts, and efforts to achieve high quality, affordable utility services.

There are 11 voting members on the IROC, all of whom are appointed by the Mayor and confirmed by the City Council. The membership of IROC consists of representatives of each rate class and professional experts in such fields as finance, engineering, construction, and the environment. IROC meets monthly to review budgets, expenditures, performance activities, and issues for the Public Utilities Department. In addition, IROC has three sub-committees focused on finance, infrastructure and operations, as well as outreach and communication.

The Department's mission is:

*To ensure quality, reliability, and sustainability of water, wastewater, and recycled water services for the benefit of the ratepayers and citizens served*

## Goals and Objectives

The following goals and initiatives represent the Public Utilities Department's Fiscal Year 2013 Strategic Plan:

### ***Goal 1: Safe, reliable and efficient, water, wastewater, and recycled water services***

The Public Utilities Department is dedicated to its public health responsibilities of providing safe and reliable water and efficient wastewater and recycled water services. The Department strives to exceed all federal and State water quality standards, maintain and build needed infrastructure, and deliver water and wastewater services to customers efficiently and reliably. The Department will move toward accomplishing this goal by focusing on the following initiatives:

- Enterprise Asset Management (EAM) Project: Develop a user-friendly SAP Enterprise Asset Management consultant-assisted solution
- Condition Assessments: Complete major milestones included in the Asbestos Cement Water Mains Condition Assessment contract
- Accelerated Repair Program: Initiate an accelerated repair for distribution system water mains identified by the EPM Division using in-house resources
- Risk-Based Value Maintenance: Initiate a risk-based valve maintenance program to determine the maintenance schedule of every asset based on analysis of asset purpose, risk of failure, etc.
- Facility Vulnerability: Assess, update, and implement the Emergency Response Plan and security plans
- San Diego Metropolitan Sewerage System Strategy: Develop a strategy on all elements of the proposed future system-wide operations to meet permitting requirements

### ***Goal 2: Fiscally-sound and effective public utility***

The Public Utilities Department utilizes strategic financial planning to ensure financial viability to operate and maintain the water and wastewater systems. The Department provides a fiscally-sound, efficient organization that is responsive and dependable enhancing its long-term viability, accountability, ethics, and transparency as cornerstones upon which to build trust with customers. The Department will move toward accomplishing this goal by focusing on the following initiatives:

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- Inter/Intra-Divisional Collaboration: Promote employee service-oriented culture throughout the Department marked by increased cooperation and collaboration
- Customer Survey: Enhance the customer survey program and feedback process
- Public Education: Educate the public/stakeholders on the value of water, as well as the Department's efforts to reduce internal costs
- Optimize Production of Treatment Plants: Reduce per unit treatment costs by finding new markets
- Increased Transparency: Develop and implement strategies and approaches that enhance transparency and accountability to customers and stakeholders
- Game Changers: Evaluate the financial impact of "game changers" (e.g. IPR, Desalination, Point Loma)
- Cost Recovery Fees: Improve fee-based cost recovery

### ***Goal 3: Sustainable growth and economic viability***

The Department recognizes that water supplies are critical to preserving the quality of life, economic prosperity, and growth of the City. The Department identifies, evaluates, and plans short and long-term water demand and supply reliability options. The Department will move toward accomplishing this goal by focusing on the following initiatives:

- Complete Potable Reuse (PR) Implementation Studies: Complete PR Implementation studies on such areas as engineering, site, financing, cost allocation, resource allocation, etc.
- Potable Reuse (PR) Stakeholder Engagement: Engage in policy and legislative efforts to promote PR, as well as positively affect regulations and potential legislation in order to clear a path for approving advanced treatment as raw water
- Renewable Energy Initiatives Expansion: Reduce energy commodity consumption, peak demand, and greenhouse gas emissions; increase renewable energy production; and support the Mayor's Solar Energy Initiative
- Seawater Desalination Rate Structure: Pursue fair and equitable desalination rate allocation
- Conservation Initiatives: Pursue rate structure and encourage conservation

### ***Goal 4: Responsive, safe, committed, and innovative workforce***

The Public Utilities Department is proud of its professional, technically-proficient, and diverse workforce. The Department is dedicated to ensuring its employees have the training and equipment necessary to provide safe, reliable water, wastewater, and recycled services in a customer-friendly manner. The Department will continue to meet its goal of being a service-oriented and innovative utility through strategic workforce planning and by providing employees the knowledge, skills, and abilities necessary to perform their jobs safely. The Department will move toward accomplishing this goal by focusing on the following initiatives:

- Wellness Program: Develop a department-wide Wellness Program
- Efficiency/Effectiveness Studies: Conduct new and implement prior efficiency studies and develop a Process Narrative to document the process
- Knowledge Management: Engage in knowledge management and depth-building for at-risk positions with retirements on horizon
- Expedite Hiring: Expedite hiring for high turnover positions
- Leadership Development Program (LDP) Reinforcement: Provide continuing education opportunities to LDP alumni and foster a culture that supports application of Academy content

## Key Performance Indicators

Performance Measure	Actual FY2012	Actual FY2013	Target FY2014
1. Average number of days to respond to and resolve customer-initiated service investigations	6.48	18.3	10.0
2. Miles of sewer mains replaced, repaired, and rehabilitated	70.5	52.5	45.0
3. Miles of water mains replaced <sup>1</sup>	28.3	22.9	30.0
4. Number of Primary Maximum Contaminant Level (MCL) violations as a result of potable water quality sampling	0	0	0
5. Number of sanitary sewer overflows (SSOs)	36	42	38
6. Number of water main breaks	93	111	113
7. Number of acute sewer main defects identified	45	45	51
8. Average time to repair identified acute sewer main defects (days)	98	33	50
9. Average time to repair water main breaks (hours)	9.69	9.0	9.0
10. Average daily water production (millions of gallons)	172.4	182.0	175.6
11. Number of recycled water use site inspections and shutdown tests conducted	1,035	1,306	1,375
12. Water utility bond rating <sup>2</sup>	AA-	AA-	AA-
13. Wastewater utility bond rating <sup>2</sup>	A+	A+	A+

1. Reflects miles of water main awarded consistent with the requirements under the DPH Compliance Order
2. Reflects the rating from Standard & Poor's (S&P) which represents the lowest rating from all three rating agencies

## Service Efforts and Accomplishments

### Asset Management

The Asset Management Program continued to work on transformational projects for the Department. The SAP Enterprise Asset Management (EAM) project will replace legacy maintenance management systems and provide the Department with a consolidated and integrated software tool to maximize the efficient management of infrastructure through its full lifecycle. The Program is leading this project for the City, providing a solution that will be the cornerstone for a citywide asset management system. The Program has also assessed the current usage of Geographical Information Systems (GIS) in the Department. This completes the first phase of the conversion to a single GIS software system, an effort that will bring greater collaboration and information management to the Department.

### Strategic Support Services

The Strategic Support Services Section coordinated the development of the Public Utilities Department Fiscal Year 2013 strategic planning process and monitoring of Fiscal Year 2012 Strategic Initiatives. This section conducted and coordinated Department benchmarking efforts and efficiency studies, managed a Leadership Development Program, and administered an Employee Opinion Survey to all Public Utilities employees.

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## Long-Range Planning and Water Resources

**Water Conservation.** The Water Conservation Section provides commercial and residential customer rebates through its “Outdoor Water Conservation Rebates” grant project. This grant provides eligible customers with three different rebates to promote outdoor water conservation: Smart Controllers, Micro-Irrigation, and Sustainable Landscape-Turf Replacement. The ongoing goal is to conserve potable water while also reducing pollutant-laden dry weather urban runoff flows into streams, rivers, bays, etc. Through June 2013, the grant project issued 570 rebates totaling \$417,000 for smart controllers and micro-irrigation systems, as well as the replacement of high water use turf areas with sustainable low water use landscapes. Water savings generated from this program is estimated to be more than 11 million gallons per year.

The Water Conservation Section is continuing its partnership with the Storm Water Division on a rain barrel rebate program. Rain barrels capture and store rainfall for later use when connected to a roof downspout. Temporarily storing rainwater in rain barrels reduces storm water runoff and conserves potable water. Every 1,000 square feet of roof surface captures approximately 625 gallons of water for every inch of rain that falls. Through June 2013, the Water Conservation Section has rebated 317 rain barrels with an average size of 173 gallons for a total rebate amount of \$54,749.

**Water Planning.** In April 2013, the City Council unanimously adopted the Water Purification Demonstration Project Report. The Demonstration Project examined the use of advanced water purification technology on high quality recycled wastewater and determined that a full-scale reservoir augmentation project is feasible. This finding was based on the following: 1) 12 months of testing and operations at the City’s demonstration-scale Advanced Water Purification Facility (AWPF) located at the North City Reclamation Plant; 2) oversight from an independent advisory panel; 3) a study of the San Vicente Reservoir; 4) letters of concept approval received from the California Department of Public Health and the San Diego Water Board; 5) an energy and economic analysis; and 6) more than two years of public outreach and education. A full-scale reservoir augmentation project would diversify San Diego’s water supply, reduce its dependence on imported water, and provide a safe source of drinking water for residents.

Next steps of the Demonstration Project overlap with follow-on work associated with the Recycled Water Study completed in July 2012 and included defining in greater detail the City’s potable reuse options, including direct potable reuse. The follow-on work will culminate in an implementation strategy identifying the reuse projects that could be implemented, timing, and financing needs.

The Demonstration Project’s public outreach and education program continues to engage residents throughout the City. Since the inception of the tour program in July 2011, more than 3,600 visitors have toured the AWP Facility. Additional outreach activities include an active Speakers Bureau and attendance at community events. Both activities provide a forum for discussion of the project’s feasibility. Additional avenues for dissemination of project results include a stakeholder newsletter, template articles, social media, news releases and a website that houses the full report and associated appendices. Next steps include a re-branding effort, outreach to local schools, and videos targeting underserved audiences.

**Recycled Water Program.** Recycled water meter connections reached 574 (569 retail and 5 wholesale) by June 2013, a gain of 19 new meters in the past 12 months. Recycled Water Program staff actively market the commodity to potential customers in close proximity to the existing distribution system including schools, businesses, and homeowner associations, as well as encourages existing commercial irrigation customers to consider using recycled water for industrial purposes in an effort to increase year-round demand.

Sales of recycled water resulted in nearly \$2.9 million in financial savings toward imported water purchases in Fiscal Year 2013. These financial incentives are the result of local water resource development agreements with the Metropolitan Water District of Southern California and the San Diego County Water Authority.

The Recycled Water Study was completed by Recycled Water Program staff and the Water Planning Section in July 2012. The primary objective of the Study was to find ways to maximize reuse and minimize flows to the Point Loma Wastewater Treatment Plant (Point Loma WTP). The Study included five alternatives through which 135 million



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gallons per day could be diverted upstream of the Point Loma WTP and reused. The alternatives emphasized potable reuse options and options to increase non-potable reuse by bringing new customers online who can be served from existing pipelines. The City Council unanimously accepted this study as satisfying the terms of the Cooperative Agreement with San Diego Coastkeeper and Surfrider Foundation. The Study was presented to the California Coastal Commission in October 2012.

**Water Reliability.** The Water Reliability Section completed the 2012 Long-Range Water Resources Plan (2012 Plan) and plans to present to the City Council in Fall 2013. Work on updating this plan from the previous 2002 Plan began in April 2011. The Department convened an 11-member stakeholder committee that provided guidance and input on alternative strategies for meeting San Diego's water needs through 2035. The 2012 Plan addresses population growth, water resource diversification, climate change, and other issues affecting water reliability.

The Public Utilities Department successfully negotiated a settlement agreement with the Sweetwater Authority to purchase up to 2,600 acre-feet of water a year from their expanded brackish groundwater desalination facility.

**Watershed and Resources Protection Team.** The Watershed and Resources Protection Team manages 41,000 acres of land surrounding the City's reservoirs for the overarching purpose of source water protection. The Team is working with SANDAG to develop a joint wetlands mitigation bank on 462 acres in San Pasqual Valley. Working with partners and using State and local grant funding, the Team has three habitat restoration projects underway (two at Otay and one at Hodges Reservoirs) that will restore 220 riparian or wetland acres immediately adjacent to City reservoirs. With Real Estate Assets Department, the Team manages the 8,600 acre San Pasqual Agricultural Preserve which generated \$2.6 million in Fiscal Year 2013 from agricultural leases.

## ***Financial and Information Technology***

This year, the IT Program led the implementation of a new Enterprise Daily Operations Reporting System which contains plant operational data from the Distributed Control System and Laboratory Information System. The IT Program, in conjunction with the Budget Section, developed and implemented the Vendor Invoice Tracking System (VITS) which routes and tracks accounts payable vouchers in order to streamline the invoice payment process. The IT Program is partnering with the Department Asset Management Program to have a GIS assessment performed to summarize the current GIS usage and requirements and develop a roadmap to migrate to the City standard, ESRI.

The Budget Section continues to provide service to other Public Utilities Department divisions and programs, as well as the Independent Rates Oversight Committee and Finance Sub-committee. The Section has refined financial reporting practices including implementation of quarterly budget monitoring at the section-level, and continually monitors the budget to identify budgetary savings. The Section also developed Five-Year Operation and Maintenance projections and assisted in development of CIP cash flow projections in support of the 2013 Cost of Service Study.

In Fiscal Year 2014, the Grants & Loans Section will continue to receive State Revolving Fund (SRF) Loan funds as disbursements flow in for multiple projects with fully executed agreements. These projects include Point Loma Grit Processing Improvement, Sewer Pipeline Replacement, Harbor Drive Pipeline Replacement, and Lindbergh Field Pipeline Replacement. This year, the Section anticipates receiving approximately \$2.0 million in grant/cooperative agreement funding and \$28.0 million in low interest SRF loan proceeds, which pass on significant savings when compared to traditional 30 year bond funding. In an effort to maintain these savings, the section is in the process of pursuing new SRF loan funding for the following projects: \$15.3 million for University Avenue Pipeline Replacement, \$64.0 million for Alvarado 2<sup>nd</sup> Extension Pipeline & Morena Boulevard Cast Iron Replacement, and \$31.2 million for Pump Station 2 Power Reliability & Surge Protection.

In Fiscal Year 2013, the Rates & Finance Section also continued working on Cost of Service Studies for both the Water and Wastewater systems.

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## *Customer Support*

The Customer Support Division responded to more than 404,000 water and sewer utility customer phone calls in the past year. Customer contacts included inquiries regarding customer billing and payment, service turn-on/turn-off, emergency services and repairs, water conservation, and general utility service questions. The Division also produced and sent 1.8 million water/sewer utility bills and processed 1.7 million customer payments totaling \$723.0 million.

The Division read more than 274,000 monthly/bi-monthly water meters, performed 56,000 shut-offs and service restorations, and continued rigorous efforts to protect the public water system by adding more than 1,000 maintained backflow devices to its monitoring and annual testing program.

The Department is moving forward with a project to streamline meter reading and customer service operations, reduce non-revenue water, and enhance customer service by obtaining near real-time wireless electronic access to water meter information using Advanced Metering Infrastructure (AMI) technology. The planned AMI implementation will include approximately 11,000 of the total meter population including all monthly read meters, all meters three inches and above, and one bi-monthly read route. Large meters that can no longer be maintained reliably will be replaced with newer meters fitted with AMI compatible registers. Once implemented, the Department can continue adding new devices in a steady, cost-effective manner. This project is scheduled to be completed within 18 months.

## *Employee Services and Quality Assurance*

The Human Resources team continued to support and lead the Department in four major service areas: performance management, employee health and wellness, hiring, and payroll. This section also implemented improvements to the departmental occupational health management program so that injured employees were transitioned back to productive work appropriately and expediently.

The Training Section was awarded reaccreditation status by the International Association for Continuing Education and Training (IACCET). This status allows the Public Utilities Department to offer continuing education units (CEU's) for all department employees who maintain professional certifications.

The Quality Assurance Section coordinated department responses to the "Public Utilities Department's Valve Maintenance Program" and the "Public Utilities Department's Industrial Waste and Control Program" audits which were performed by the Office of the City Auditor. This section continues to track and monitor audit recommendations from these, as well as previous, internal and external audits to ensure recommendations are satisfied and implemented in a timely manner. This section also continues to support the Independent Rates Oversight Committee through meeting preparation, coordination of information requests, and facilitating the interface of the Committee and the City.

The Security Section began installation and implementation of a new security access system which will eventually provide for centralized access control and monitoring of all Water and Wastewater facilities. The Section is also engaged in discussions with the consulting firm hired to perform vulnerability assessments and develop emergency response plans for the Public Utilities Department. This critical project will identify Water and Wastewater system vulnerabilities and provide a prioritized plan for security upgrades and/or redundancy to the system, modifications of operational procedures, and /or policy changes to mitigate identified risks to critical assets.

## *Water Construction and Maintenance*

The Water Operations Branch continues to reduce the use of the Miramar Landfill through recycling and reusing material wherever possible in an effort to replicate the success of Fiscal Year 2010 when the Public Utilities Department was selected by the City of San Diego's Environmental Services Department as one of the recipients of Recycler of the Year for Waste Reduction and Recycling Awards Program. The Capital Improvement Programs Construction Section completed 12 water group jobs throughout the City. In addition, in an effort to support the Department's new Automated Metering Infrastructure (AMI) project, the Meter Shop Section has installed and retrofitted approximately 26,487 meters. The Division is also in the process of establishing a risk-based preventative

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maintenance program for valves and hydrants. Currently, preventative maintenance for all valves and hydrants are on a five-year rotational schedule. Implementing a risk-based maintenance program will give the Division the ability to perform preventative maintenance more often on older valves that are more susceptible to breaks without increasing labor costs. It will also allow the Division to perform preventative maintenance less frequently on newly installed valves and hydrants that are less likely to malfunction.

## ***Water System Operations***

The Water System Operations Division continues to improve the water quality delivered to the Department's customers through both water treatment plant and potable water distribution system optimization and improvements. Throughout this past year, all three water treatment plants have delivered safe and reliable potable water.

The Division continues to actively participate with the American Water Works Association's (AWWA) Partnership for Safe Water Program (Partnership Program). The Partnership Program's mission is to improve the quality of drinking water delivered to customers of public water supplies by optimizing system operations. The City's Otay Water Treatment Plant received the Director's Award of Recognition for the fifth consecutive year for Calendar Year 2012 from the Partnership Program. This award was obtained while treating more challenging source water quality from local reservoirs and recognizes outstanding performance by the plant staff team. The City's Miramar Water Treatment Plant received the Director's Award of Recognition in 2012 for its efforts related to its first year of Partnership Program participation and the City's Alvarado Water Treatment Plant began its first year of active Partnership Program participation in Fiscal Year 2013 and has already implemented several optimizing projects. In addition, the City's Potable Water Distribution System Section began active participation with the Partnership Program in Fiscal Year 2011 and continues working towards improving water quality through optimized and customized performance improvements. Overall, Water System Operations staff continues to optimize the water treatment plants and water distribution system while providing drinking water quality that surpasses the required federal standards. This is an indicator of the staff's commitment to excellence in treatment and distribution system process optimization.

The Water System Operations Division also continues to work closely with the San Diego County Water Authority (SDCWA) on a variety of projects, programs, and agreements involving and/or impacting City water supply operations and water storage facilities. For example, SDCWA's San Vicente Dam Raise Project, which will raise the City's existing dam by 117 feet and increase local water storage in San Vicente by over 150,000 acre feet, requires critical coordination and review to ensure that City water supply operations are not impacted during construction. The Division's operations and engineering staff will be challenged to continue this effort as construction ends this year and the new facilities become operational.

## ***Engineering and Program Management***

The Engineering and Program Management (EPM) Division continued its support of the efforts of the Department to reduce sewer spills and water main breaks and meet the requirements of the Final Consent Decree with the Environmental Protection Agency for the sewer system and the Compliance Order with the State Department of Public Health for the water system.

***Sewer Modeling.*** The Division assessed the capacity of 123 trunk sewers and completed hydraulic modeling of 293 miles of the small diameter mains. The Division also completed Closed Circuit Television inspection of 54.20 miles of sewer mains and 1,509 manholes, and completed condition assessment of 56.46 miles of sewer mains and 752 manholes to determine the upgrade and maintenance plans. In addition, the Division analyzed 157 flow meters to identify the potential sources of rainwater inflows and infiltrations to plan for effective sewer system operations.

***Water Modeling.*** The Division completed the Water and Recycled Water Model update and calibration; updated over 24,000 fire hydrant data in System Status Advisor (SSA); continued updating and troubleshooting the online model; enhanced the hydraulic water model capabilities to perform cost saving analysis through energy optimization; enhanced SSA capabilities and the online model for distribution network to monitor water quality; completed the

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2015 City of San Diego Water Demand Forecast Report; completed 70-80 miles of AC pipe sizing studies for the Public Works Department; and provided as-needed water system operations and security modeling support.

***Water and Sewer Development Review.*** In Fiscal Year 2013, the Division reviewed all water, sewer, and recycled water discretionary and ministerial development projects submitted through the Development Services Department. At the end of the development review process when new water meters were issued, the associated water, sewer, and/or recycled water capacity charges were collected from the developers. In addition, as part of the condition of approval for the project, new water, sewer, and/or recycled infrastructure was constructed by the developer. Upon operational acceptance of the new infrastructure, the ownership was transferred to the City and the City began its operation and maintenance responsibilities for the facility. This review function was transferred to Development Services Department starting July 1, 2013.

***Program Management.*** The Division worked with the Public Works-Engineering Department to oversee the completion of 35.1 replacement/rehabilitation/repair sewer miles and the replacement of 8.3 miles of water mains between July 1, 2012 and December 31, 2012. In addition, the Division oversaw the construction completion of the Pecos Foremain Embankment repair; completed the plans and specifications for two Operations & Maintenance-funded contracts, Rose Canyon/Barnett Avenue Structure Rehabilitation and MBC Receiving Tank Cleaning; and prepared four pipeline rehabilitation packages, U-1, V-1, W-1 and Y-1, with a total of 32.4 miles.

***Water Master Planning and 10% Design.*** The Division completed the Asbestos Cement (AC) Water Main Replacement Planning Study Phase I of the AC Pipe Replacement Program which will guide the AC main replacement projects from Fiscal Year 2017 to Fiscal Year 2019. In addition, the Division is in the process of hiring a consultant to develop Phase II of the AC Replacement Program which will assess 2,100 miles of AC pipeline. The Division also proposes to hire a consultant to conduct aged water reservoirs. The Division has updated the Water CIP Prioritization List, last updated in December 2009, to include all new projects. The Division also completed the Draft Miramar North City Focus Area Master Plan and four 10% design reports.

***Wastewater Master Planning and Condition Assessment.*** The Division is managing condition assessment studies performed by consultants for several major water pipelines. The Miramar Phase III and IV Potable Water Pipeline Re-inspection and Condition Assessment Report 2011 was completed. The El Monte Raw Water Pipeline Condition Assessment Project has been initiated. Two additional projects, the Three Water Transmission Pipeline Condition Assessment and the Programmatic Water Transmission Pipeline Condition Assessment have been developed to cover the sections of the water transmission system that has been in service for more than 50 years. The Division, in partnership with San Diego Gas and Electric (SDG&E), is performing water pump efficiency testing at a number of water pump stations. Condition assessment of Municipal Sewer Pump Station 77A/77B and Metro Sewer Pump Station 64 are to be completed in 2013. In addition, the Division has prepared Metropolitan Wastewater Plan and Municipal Wastewater Master Plan in the last year. Subsequent to these master plans, an annual wastewater facilities CIP project prioritization was completed based on the Council Policy 800-14. The purpose of this annual prioritization effort is for the Department to plan and execute the Capital Improvement Program effectively.

***Environmental and Canyon Access.*** The Division has successfully completed the mitigation program and mitigation projects in compliance with local, State, and federal environmental regulations allowing the Public Utilities Department to use these sites as mitigation for water and sewer projects. The Division has initiated and completed various habitat re-vegetation projects associated with operations and maintenance for the pipeline and long-term access projects related to the Canyon Sewer and Long-Term Access Program. Two Long-Term Access projects have been designed and constructed to facilitate access for sewer maintenance and provide convenient access for the public in local canyons. The Division continues to obtain easements, access rights, and is in the design and contracts phase for six new Long-Term Access projects. The Division continues to provide environmental, biological, and permitting support to other Public Utilities divisions.

***Energy Management.*** The Division successfully completed numerous activities related to energy conservation and renewable energy. The Alvarado Water Treatment Plant Energy and Climate Protection Audit was completed in June 2013. The Department broke ground on its 1.6MW landfill gas fuels renewable energy power plant at the North City Water Reclamation Plant and its start up is expected in the fall of 2013. The Miramar Energy project located at Metro

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Biosolids Center, owned by the firm of Fortistar, began production of 3.2MW renewable energy and generates revenues for the City of approximately \$200,000 per year. A 6kW wind turbine, on loan from SDG&E, started operations and is expected to save Sewer Pump Station 53 on Harbor Island approximately \$1,000 during its one year test period. The Division has been working on the installation of seven 2,000 kW emergency generators at major sewer pump stations and facilities.

## *Environmental Monitoring and Technical Services*

The Division completed the application to renew the National Pollution Discharge Elimination System (NPDES) permit for the South Bay Water Reclamation Plant and Ocean Outfall. This ensures that all requirements have been met to allow continued operation of this valuable regional asset into the future. A new NPDES permit was adopted by the San Diego Regional Water Quality Control Board and the U.S. Environmental Protection Agency with an effective date of August 1, 2010. It expires on July 31, 2015.

The Division successfully executed the NPDES-mandated ocean-monitoring program for the Point Loma and South Bay ocean outfall regions which encompasses a coastal water area greater than 340 square miles and includes the collection and analysis of thousands of samples of ocean water, sediments, and marine life, and required more than 200 days of boat operations. The Program also provides ocean-monitoring services to the International Boundary and Water Commission. The Program is responsible for recovering approximately \$1.0 million in Fiscal Year 2013.

The Division completed work on the execution of a scientific grant project with the Scripps Institution of Oceanography (SIO) to develop models of ocean circulation and wastewater plume dispersion off Point Loma (Point Loma Ocean Outfall Plume Behavior Study). The project was funded by a federal grant from the National Oceanic and Atmospheric Administration (NOAA) worth approximately \$0.8 million; a final report was completed by SIO and the City, and submitted to and accepted by NOAA in November 2012. The Division also completed the third year of a four year agreement with the SIO to monitor the health of the San Diego region's kelp forest ecosystem. This long-term project is critical in order to achieve the City's enhanced ocean monitoring objectives to ensure the protection of San Diego's coastal marine environment.

The State of California re-certified the Marine Microbiology laboratory to perform microbiological analysis of drinking water. The Department now has two separate facilities certified which allows the Department to be better prepared to handle public health or natural disaster emergencies impacting the drinking water system. The Division also maintained U.S. Environmental Protection Agency certification for Cryptosporidium Analysis (a microscopic parasite that causes the diarrheal disease). The staff and laboratory continues to be one of only four in Southern California and the only laboratory in the San Diego area with this certification.

The Division oversees storm water and air quality regulatory compliance duties for all water and wastewater operations. This combined effort helps the Department better comply with the complex regulations without increasing staffing costs.

The Division successfully executed EPA and CDPH-required regulatory monitoring of San Diego's source waters, water filtration plants, and drinking water distribution system. Stage 2 Disinfection By-product Monitoring continues at sixteen sites in the distribution system. Enhanced monitoring of impound reservoirs in the distribution system was extended and expanded to support the department's Nitrification Action Plan. The Division works with the Long Range Planning and Water Resources Division to investigate customer and departmental concerns regarding potential water leaks and provides monitoring in an effort to identify future water sources.

The Division also maintains an active in-house monitoring program of its nine drinking source water reservoirs for the Quagga mussel, an invasive species first seen in California in 2007. Proactive monitoring assists the Department with optimizing maintenance and control efforts designed to minimize the impact to the raw water delivery and treatment infrastructure, as well as the reservoir recreation facilities.

The Division regulates and bills for sewer discharges not originating from metered potable water connections known as "imported" flows. Cost of conveyance and treatment of these flows, such as seawater and extracted groundwater

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from remediation and construction projects, would otherwise be borne by sewer ratepayers. The Division recovered approximately \$1.9 million in Fiscal Year 2013 for the conveyance and treatment of these flows. Additionally, the Division recovered approximately \$2.0 million in Fiscal Year 2013 from the continued operation of the dump site for hauled liquid waste from septic systems and specifically permitted industrial liquid wastes, and the conveyance and treatment of these flows. This highly valued service provided to the San Diego area is the only industrial liquid waste dump station in San Diego County.

## *Wastewater Collection*

The Division continued its success as the leader among large cities in the nation in reducing the number of sanitary sewer overflows (SSOs). There were 42 SSOs in Fiscal Year 2013. While slightly higher than the 36 SSOs in Fiscal Year 2012, this statistic remains indicative of aggressive and successful overflow prevention and a 10 percent reduction program, and represents an 87 percent reduction from the level experienced in Fiscal Year 2001. It also represents a ratio of 1.39 SSOs per 100 miles of sewer main, well below the industry standard of 2.0 SSOs per 100 miles of main.

The Division is projecting 38 SSOs in Fiscal Year 2014. While continued reduction in SSOs is a daunting objective when current SSO levels are at less than seventy percent of the industry standard, the Division is determined that there are still efficiencies to be gained, both in cleaning techniques and proactive attention to infrastructure defects that can help achieve this goal. The Division will redouble its efforts to maintain or improve upon this achievement in SSO prevention and reduction.

For Fiscal Year 2013, the Main Cleaning Section cleaned a total of 2,340 miles of sewer main, compared to 2,062 miles of sewer main cleaned in Fiscal Year 2012, which represents nearly a 14 percent increase in productivity with the same staffing levels as in Fiscal Year 2012.

The Division also successfully completed International Standardization Organization (ISO) audits with no major non-conformities, thus retaining its ISO 14001 certification.

A notable accomplishment during 2013 was the Division's recognition as the regional Large Collection System of the Year for the second consecutive year by the California Water Environment Association. Additionally, the Division was recognized as having the best large collection system in the entire State of California. These awards exemplify the Division's status as a statewide and national leader in the wastewater collection industry.

## *Wastewater Treatment and Disposal*

The Division continues software upgrades to the Distributed Control System at the wastewater treatment plants, water reclamation plants, and major pump stations. The upgrades, which have been completed at the Point Loma Wastewater Treatment Plant (PLWTP) and Metropolitan Biosolids Center (MBC), are set to continue at North City Water Reclamation Plant (NCWRP) and will enhance the reliability of the treatment system and improve the efficiency of plant operations staff.

The Division now has seven, 2,000 kW emergency generators which were delivered to Pump Station 1, Pump Station 64, Pump Station 65, Penasquitos Pump Station, and NCWRP to ensure power is available if a regional outage occurs. The Division's electrical staff is working diligently with necessary personnel in the City, including outside agencies such as SDG&E and Air Pollution Control District, to develop an implementation plan of permanent installation of these generators while adhering to the National Electric Code.

The Division continues to generate revenue through its renewable energy portfolio. Three co-generation facilities at wastewater treatment plants generate electric energy fueled by digester gas and landfill gas. These efforts save the Department approximately \$5.0 million each year in operating costs. The Beneficial Use of Digester Gas project at the PLWTP will generate projected revenue of \$260,000/year via the sale of excess digester gas. This excess gas will be used by South Bay Fuel Cell (SBFC) to provide electric energy at the South Bay Water Reclamation Plant (SBWRP). The 1.4 MW SBFC project was completed in October 2011 and is saving the SBWRP approximately \$75,000 per year.

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## Department Summary

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013–2014 Change
FTE Positions (Budgeted)	1,584.49	1,574.52	<b>1,563.59</b>	(10.93)
Personnel Expenditures	\$ 147,419,483	\$ 147,393,867	<b>\$ 154,689,455</b>	\$ 7,295,588
Non-Personnel Expenditures	536,195,100	635,969,691	<b>625,940,031</b>	(10,029,660)
<b>Total Department Expenditures</b>	<b>\$ 683,614,582</b>	<b>\$ 783,363,558</b>	<b>\$ 780,629,486</b>	<b>\$ (2,734,072)</b>
<b>Total Department Revenue</b>	<b>\$ 949,300,256</b>	<b>\$ 878,305,199</b>	<b>\$ 837,703,113</b>	<b>\$ (40,602,086)</b>

## General Fund

### Department Expenditures

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013–2014 Change
Water	\$ 1,264,629	\$ 1,706,193	<b>\$ 1,969,446</b>	\$ 263,253
<b>Total</b>	<b>\$ 1,264,629</b>	<b>\$ 1,706,193</b>	<b>\$ 1,969,446</b>	<b>\$ 263,253</b>

### Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>San Dieguito River Park JPA</b> Addition of funding for the San Dieguito River Park Joint Powers Authority (JPA).	0.00	\$ 254,100	\$ -
<b>Non-Discretionary Adjustment</b> Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent.	0.00	9,153	-
<b>Revised Revenue</b> Adjustment to reflect Fiscal Year 2014 revenue projections.	0.00	-	(49,819)
<b>Total</b>	<b>0.00</b>	<b>\$ 263,253</b>	<b>\$ (49,819)</b>

### Expenditures by Category

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013–2014 Change
<b>NON-PERSONNEL</b>				
Supplies	\$ 87,217	\$ -	<b>\$ 37,300</b>	\$ 37,300
Contracts	1,169,184	1,706,193	<b>1,927,146</b>	220,953
Energy and Utilities	6,416	-	<b>5,000</b>	5,000
Other	1,812	-	-	-
<b>NON-PERSONNEL SUBTOTAL</b>	<b>\$ 1,264,629</b>	<b>\$ 1,706,193</b>	<b>\$ 1,969,446</b>	<b>\$ 263,253</b>
<b>Total</b>	<b>\$ 1,264,629</b>	<b>\$ 1,706,193</b>	<b>\$ 1,969,446</b>	<b>\$ 263,253</b>

### Revenues by Category

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013–2014 Change
Charges for Services	\$ 1,069,697	\$ 989,819	<b>\$ 940,000</b>	\$ (49,819)
Other Revenue	32,622	-	-	-
<b>Total</b>	<b>\$ 1,102,319</b>	<b>\$ 989,819</b>	<b>\$ 940,000</b>	<b>\$ (49,819)</b>

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## Metropolitan Sewer Utility Fund

### Department Expenditures

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013–2014 Change
Metropolitan Wastewater - Metro	\$ 93,177,820	\$ 104,814,616	\$ 87,852,743	\$ (16,961,873)
Public Utilities	94,695,604	111,518,361	119,231,152	7,712,791
<b>Total</b>	<b>\$ 187,873,424</b>	<b>\$ 216,332,977</b>	<b>\$ 207,083,895</b>	<b>\$ (9,249,082)</b>

### Department Personnel

	FY2012 Budget	FY2013 Budget	FY2014 Adopted	FY2013–2014 Change
Metropolitan Wastewater - Metro	353.24	356.84	255.90	(100.94)
Public Utilities	90.74	94.05	191.45	97.40
<b>Total</b>	<b>443.98</b>	<b>450.89</b>	<b>447.35</b>	<b>(3.54)</b>

### Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Repair and Maintenance Expenditures</b> Addition of funding for one-time repair and maintenance expenditures at various wastewater facilities.	0.00	\$ 7,580,000	\$ -
<b>Pipeline and Systems Condition Assessments</b> Addition of funding to perform condition assessments of wastewater pipelines and operation optimization.	0.00	3,009,797	-
<b>Salary and Benefit Adjustments</b> Adjustments to reflect the annualization of the Fiscal Year 2013 negotiated salary compensation schedule, changes to savings resulting from positions to be vacant for any period of the fiscal year, retirement contributions, retiree health contributions, and labor negotiation adjustments.	(0.19)	2,052,353	-
<b>Refunds to Participating Agencies</b> Adjustment to reflect refunds to Participating Agencies that were overbilled.	0.00	1,922,185	-
<b>Water Purification Demonstration Project</b> Adjustment to reflect an increase in contract expenditures for the ongoing monitoring and evaluation of the Water Purification Demonstration Project.	0.00	687,320	-
<b>Laboratory Supplies and Maintenance</b> Addition of expenditures for laboratory supplies and facility maintenance.	0.00	627,922	-
<b>Enterprise Asset Management (EAM) Project</b> Addition of funding and support staff for the Public Utilities EAM Project.	0.50	444,226	-
<b>Facilities Condition Assessment</b> Addition of funding for a facility condition/needs assessment.	0.00	198,000	-
<b>Support for COMNET</b> Addition of 1.00 Program Manager to coordinate activities and provide oversight for the Computerized Neighborhood Environment Tracking (COMNET) System at all wastewater treatment facilities.	1.00	190,797	-



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## Significant Budget Adjustments (Cont'd)

	FTE	Expenditures	Revenue
<b>Recycled Water Master Plan</b> Adjustment to reflect an increase in contractual expenditures for the 2015 Recycled Water Master Plan Update.	0.00	175,000	-
<b>Supplemental COLA</b> Adjustment to reflect the allocation of the pay-go costs for the continued funding of the Supplemental Cost of Living Adjustment (COLA) Benefit.	0.00	85,018	-
<b>Contractual Services Expenditures</b> Adjustment to reflect an increase in expenditures for contractual services.	0.00	51,150	-
<b>Support for Facilities</b> Addition of 1.00 Building Service Technician to address facility needs at City-owned buildings.	0.34	24,762	-
<b>External Affairs</b> Adjustment reflects an increase in non-personnel expenditures related to External Affairs.	0.00	10,560	-
<b>Non-Standard Hour Personnel Funding</b> Adjustment to expenditures according to a zero-based annual review of non-standard hour personnel funding requirements.	(0.11)	(34,902)	-
<b>Public Utilities Development Plan Review Transfer</b> Transfer of the development plan review function from the Public Utilities Department to the Development Services Department.	(1.54)	(213,001)	-
<b>Equipment/Support for Information Technology</b> Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements and priority analyses.	0.00	(433,354)	-
<b>Public Utilities Restructure</b> Reallocation among funds to more accurately reflect operational expenditures as well as an adjustment due to efficiencies realized.	(3.54)	(4,537,008)	-
<b>Non-Discretionary Adjustment</b> Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent.	0.00	(4,756,730)	-
<b>One-Time Reductions and Annualizations</b> Adjustment to reflect the removal of one-time revenues and expenditures, and the annualization of revenues and expenditures, implemented in Fiscal Year 2013.	0.00	(16,333,177)	(333,992)
<b>Revised Revenue</b> Adjustment to reflect Fiscal Year 2014 revenue projections.	0.00	-	13,863,000
<b>SDG&amp;E Settlement Revenue</b> Adjustment to reflect the addition of SDG&E wildfire settlement revenue from the Public Liability Fund.	0.00	-	18,844
<b>Total</b>	<b>(3.54)</b>	<b>\$ (9,249,082)</b>	<b>\$ 13,547,852</b>

# Public Utilities

## Expenditures by Category

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013-2014 Change
<b>PERSONNEL</b>				
Personnel Cost	\$ 27,753,498	\$ 27,909,909	\$ 27,794,779	\$ (115,130)
Fringe Benefits	18,600,155	17,133,786	19,116,285	1,982,499
<b>PERSONNEL SUBTOTAL</b>	<b>\$ 46,353,652</b>	<b>\$ 45,043,695</b>	<b>\$ 46,911,064</b>	<b>\$ 1,867,369</b>
<b>NON-PERSONNEL</b>				
Supplies	\$ 30,347,523	\$ 22,842,154	\$ 20,390,282	\$ (2,451,872)
Contracts	28,282,502	54,264,928	51,573,204	(2,691,724)
Information Technology	7,104,351	7,563,241	6,698,956	(864,285)
Energy and Utilities	12,446,029	15,613,172	13,790,648	(1,822,524)
Other	716,838	628,593	1,007,624	379,031
CIP Contingency	-	554,809	-	(554,809)
Appropriated Reserve	-	3,500,000	3,500,000	-
Transfers Out	56,286,633	64,835,408	61,949,885	(2,885,523)
Capital Expenditures	868,636	1,486,977	1,246,977	(240,000)
Debt	5,467,260	-	15,255	15,255
<b>NON-PERSONNEL SUBTOTAL</b>	<b>\$ 141,519,772</b>	<b>\$ 171,289,282</b>	<b>\$ 160,172,831</b>	<b>\$ (11,116,451)</b>
<b>Total</b>	<b>\$ 187,873,424</b>	<b>\$ 216,332,977</b>	<b>\$ 207,083,895</b>	<b>\$ (9,249,082)</b>

## Revenues by Category

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013-2014 Change
Charges for Services	\$ 72,239,652	\$ 68,420,000	\$ 69,234,844	\$ 814,844
Fines Forfeitures and Penalties	-	333,992	-	(333,992)
Other Revenue	1,580,323	-	-	-
Rev from Federal Agencies	59,476	80,000	-	(80,000)
Rev from Money and Prop	37,187	-	-	-
Rev from Other Agencies	8,326,235	9,800,000	22,947,000	13,147,000
<b>Total</b>	<b>\$ 82,242,873</b>	<b>\$ 78,633,992</b>	<b>\$ 92,181,844</b>	<b>\$ 13,547,852</b>

## Personnel Expenditures

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
<b>FTE, Salaries, and Wages</b>						
2000011	Account Clerk	4.13	4.51	4.51	\$31,491 - \$37,918	\$ 166,656
2000007	Accountant 3	0.38	0.57	0.57	59,363 - 71,760	26,918
20000102	Accountant 4	0.38	0.38	0.38	66,768 - 88,982	33,397
2000012	Administrative Aide 1	0.38	0.38	0.38	36,962 - 44,533	16,726
2000024	Administrative Aide 2	5.71	6.28	5.96	42,578 - 51,334	294,927
2000057	Assistant Chemist	28.00	27.00	26.00	53,789 - 65,333	1,666,689
9000057	Assistant Chemist - Hourly	0.00	0.00	0.35	53,789 - 65,333	18,826
20001140	Assistant Department Director	0.33	0.33	0.33	31,741 - 173,971	33,938
20001202	Assistant Deputy Director	1.00	0.00	0.00	23,005 - 137,904	-
20000070	Assistant Engineer-Civil	9.59	9.68	8.61	57,866 - 69,722	542,646
20000087	Assistant Engineer-Mechanical	0.33	0.33	0.61	57,866 - 69,722	41,992
20000080	Assistant Laboratory Technician	1.00	1.00	1.00	33,696 - 40,602	40,095
20000041	Assistant Management Analyst	0.00	0.33	0.33	44,470 - 54,059	17,625

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## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20001228	Assistant Metropolitan Wastewater Director	0.33	0.33	<b>0.33</b>	31,741 - 173,971	45,623
90001228	Assistant Metropolitan Wastewater Director - Hourly	0.12	0.00	<b>0.00</b>	31,741 - 173,971	-
20000114	Assistant Wastewater Plant Operator	1.00	0.00	<b>0.00</b>	45,240 - 53,830	-
20000140	Associate Chemist	8.00	8.00	<b>7.25</b>	62,005 - 75,067	523,966
90000140	Associate Chemist - Hourly	0.00	1.05	<b>0.00</b>	62,005 - 75,067	-
20000311	Associate Department Human Resources Analyst	1.65	1.65	<b>1.65</b>	54,059 - 65,333	98,480
20000143	Associate Engineer-Civil	8.80	10.21	<b>9.44</b>	66,622 - 80,454	726,649
20000145	Associate Engineer-Civil	1.09	1.09	<b>0.90</b>	66,622 - 80,454	71,507
90000143	Associate Engineer-Civil - Hourly	0.00	0.50	<b>0.35</b>	66,622 - 80,454	23,318
20000150	Associate Engineer-Electrical	2.33	2.33	<b>2.61</b>	66,622 - 80,454	207,364
20000154	Associate Engineer-Mechanical	0.45	0.45	<b>0.61</b>	66,622 - 80,454	48,455
20000132	Associate Management Analyst	0.00	0.00	<b>0.25</b>	54,059 - 65,333	13,515
20000119	Associate Management Analyst	11.45	11.68	<b>11.76</b>	54,059 - 65,333	742,707
20000137	Associate Management Analyst	1.98	1.98	<b>0.00</b>	54,059 - 65,333	-
20000134	Associate Management Analyst	0.38	0.38	<b>0.38</b>	54,059 - 65,333	24,518
20000162	Associate Planner	0.11	0.32	<b>0.66</b>	56,722 - 68,536	44,665
20000655	Biologist 2	6.00	6.00	<b>6.00</b>	53,726 - 65,333	387,096
20000648	Biologist 3	1.00	1.00	<b>1.00</b>	62,005 - 75,067	74,129
20000649	Biologist 3	0.00	0.00	<b>0.24</b>	62,005 - 75,067	-
20000195	Boat Operator	1.00	1.00	<b>1.00</b>	43,493 - 51,896	51,896
20000205	Building Service Supervisor	1.00	2.00	<b>1.34</b>	45,718 - 55,286	66,999
20000224	Building Service Technician	2.00	2.00	<b>2.34</b>	33,322 - 39,666	85,873
20000539	Clerical Assistant 2	9.84	9.46	<b>8.85</b>	29,931 - 36,067	296,432
20001168	Deputy Director	3.09	3.14	<b>2.60</b>	46,966 - 172,744	308,313
90001168	Deputy Director - Hourly	0.14	0.46	<b>0.35</b>	46,966 - 172,744	38,449
20000924	Executive Secretary	0.33	0.33	<b>0.33</b>	43,555 - 52,666	17,161
20000461	Field Representative	0.11	0.48	<b>0.81</b>	32,323 - 38,917	31,110
20000184	Fleet Parts Buyer	1.00	1.00	<b>1.00</b>	44,637 - 54,059	-
90000819	Golf Course Manager - Hourly	0.00	0.06	<b>0.09</b>	59,488 - 71,760	5,354
20000501	Heavy Truck Driver 2	3.00	3.00	<b>3.00</b>	37,565 - 45,302	135,906
20000178	Information Systems Administrator	0.34	0.34	<b>0.34</b>	73,466 - 88,982	29,871
20000290	Information Systems Analyst 2	3.06	3.40	<b>3.06</b>	54,059 - 65,333	197,442
20000293	Information Systems Analyst 3	2.38	2.38	<b>2.38</b>	59,363 - 71,760	164,700
20000999	Information Systems Analyst 4	1.00	1.00	<b>1.00</b>	66,768 - 80,891	79,880
20000998	Information Systems Analyst 4	1.70	1.70	<b>1.36</b>	66,768 - 80,891	108,620
20000514	Instrumentation and Control Supervisor	1.00	1.00	<b>1.00</b>	56,410 - 68,224	56,410
20000515	Instrumentation and Control Technician	7.00	6.00	<b>6.00</b>	51,896 - 62,296	363,376
20000497	Irrigation Specialist	0.33	0.48	<b>0.81</b>	37,814 - 45,261	36,648

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## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000590	Laboratory Technician	16.00	17.00	<b>17.00</b>	40,622 - 49,067	670,183
20000618	Machinist	5.00	5.00	<b>4.00</b>	46,134 - 55,266	221,064
20001073	Management Intern	0.00	0.00	<b>0.48</b>	24,274 - 29,203	11,652
90001073	Management Intern - Hourly	2.86	3.17	<b>3.37</b>	24,274 - 29,203	81,805
20000624	Marine Biologist 2	18.00	18.00	<b>17.00</b>	53,726 - 65,333	1,015,386
20000625	Marine Biologist 2	0.00	0.00	<b>1.00</b>	53,726 - 65,333	52,942
20000626	Marine Biologist 3	5.00	5.00	<b>5.00</b>	62,005 - 75,067	370,645
20000165	Multimedia Production Specialist	0.11	0.16	<b>0.27</b>	43,264 - 51,979	13,869
20000634	Organization Effectiveness Specialist 2	0.33	1.04	<b>0.99</b>	54,059 - 65,333	63,508
20000627	Organization Effectiveness Specialist 3	0.33	0.33	<b>0.33</b>	59,363 - 71,760	23,386
20000639	Organization Effectiveness Supervisor	0.33	0.33	<b>0.33</b>	66,768 - 80,891	26,363
20000667	Painter	3.00	3.00	<b>3.00</b>	41,600 - 49,962	99,924
20000680	Payroll Specialist 2	3.30	3.30	<b>3.30</b>	34,611 - 41,787	136,135
20000173	Payroll Supervisor	0.66	0.66	<b>0.66</b>	39,686 - 48,069	31,322
20000701	Plant Process Control Electrician	17.00	17.16	<b>17.00</b>	51,896 - 62,296	1,018,365
20000705	Plant Process Control Supervisor	7.66	7.66	<b>7.33</b>	56,410 - 68,224	355,467
20000703	Plant Process Control Supervisor	3.00	3.00	<b>3.00</b>	56,410 - 68,224	202,113
20000687	Plant Technician 1	20.00	20.00	<b>20.00</b>	37,814 - 45,261	858,406
20000688	Plant Technician 2	24.00	24.00	<b>24.00</b>	41,454 - 49,504	1,180,046
20000689	Plant Technician 3	12.00	12.00	<b>13.00</b>	45,490 - 54,434	680,044
20000706	Plant Technician Supervisor	7.00	7.00	<b>7.00</b>	52,666 - 62,837	434,357
20000732	Power Plant Operator	2.00	2.00	<b>4.00</b>	49,712 - 59,342	208,478
20000733	Power Plant Supervisor	3.00	3.00	<b>2.00</b>	55,141 - 66,581	129,501
90000733	Power Plant Supervisor - Hourly	0.00	0.11	<b>0.35</b>	55,141 - 66,581	19,299
21000184	Prin Backflow & Cross Connection Specialist	0.00	0.00	<b>0.27</b>	50,003 - 60,549	16,031
20000740	Principal Drafting Aide	1.32	1.32	<b>0.99</b>	50,003 - 60,549	55,954
21000100	Principal Engineering Aide	0.00	0.16	<b>0.00</b>	50,003 - 60,549	-
20000743	Principal Engineering Aide	2.66	2.40	<b>1.99</b>	50,003 - 60,549	118,523
20000707	Principal Plant Technician Supervisor	2.00	2.00	<b>2.00</b>	63,024 - 76,045	150,188
20001222	Program Manager	1.65	2.02	<b>3.14</b>	46,966 - 172,744	343,829
20000760	Project Assistant	0.00	0.00	<b>0.12</b>	57,866 - 69,722	8,257
20000761	Project Officer 1	0.00	0.00	<b>0.24</b>	66,622 - 80,454	17,531
90000761	Project Officer 1 - Hourly	0.04	0.06	<b>0.09</b>	66,622 - 80,454	5,996
20000766	Project Officer 2	0.22	0.32	<b>0.54</b>	76,794 - 92,851	49,512
20000763	Project Officer 2	0.00	0.33	<b>0.73</b>	76,794 - 92,851	66,946
20000783	Public Information Clerk	1.14	1.14	<b>1.03</b>	31,491 - 37,918	38,582
20000784	Public Information Officer	0.11	0.00	<b>0.00</b>	43,514 - 52,707	-
20001150	Public Utilities Director	0.33	0.33	<b>0.33</b>	59,155 - 224,099	57,120
20000319	Pump Station Operator	10.00	10.00	<b>10.00</b>	43,493 - 51,917	464,833

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000320	Pump Station Operator Supervisor	1.00	1.00	<b>1.00</b>	47,674 - 56,888	56,177
20000560	Recycling Program Manager	0.33	0.33	<b>0.33</b>	76,731 - 92,893	-
20000559	Recycling Program Manager	0.33	0.16	<b>0.27</b>	76,731 - 92,893	24,781
20000850	Safety Officer	0.33	0.00	<b>0.00</b>	57,907 - 69,930	-
20000847	Safety Officer	0.66	0.66	<b>0.66</b>	57,907 - 69,930	45,582
20000854	Safety Representative 2	3.97	3.97	<b>3.31</b>	50,461 - 61,027	198,871
90000854	Safety Representative 2 - Hourly	0.12	0.00	<b>0.00</b>	50,461 - 61,027	-
20001042	Safety and Training Manager	0.66	0.99	<b>0.99</b>	66,768 - 80,891	74,756
20000869	Senior Account Clerk	0.76	0.76	<b>0.76</b>	36,067 - 43,514	32,663
21000183	Senior Backflow & Cross Connection Specialist	0.00	0.00	<b>1.62</b>	44,429 - 53,706	85,085
20000828	Senior Biologist	1.11	1.16	<b>0.77</b>	71,760 - 86,466	65,729
20000196	Senior Boat Operator	1.00	1.00	<b>1.00</b>	47,840 - 57,117	57,117
90000222	Senior Building Maintenance Supervisor - Hourly	0.00	0.25	<b>0.00</b>	76,918 - 93,018	-
20000883	Senior Chemist	2.00	2.00	<b>1.45</b>	71,739 - 86,466	123,800
20000885	Senior Civil Engineer	3.64	2.98	<b>3.35</b>	76,794 - 92,851	306,145
90000885	Senior Civil Engineer - Hourly	0.00	0.41	<b>0.35</b>	76,794 - 92,851	26,878
20000927	Senior Clerk/Typist	1.44	1.33	<b>1.33</b>	36,067 - 43,514	57,153
20000312	Senior Department Human Resources Analyst	0.33	0.33	<b>0.33</b>	59,363 - 71,760	23,377
20000400	Senior Drafting Aide	4.31	3.69	<b>3.69</b>	44,429 - 53,706	195,371
20000906	Senior Electrical Engineer	1.00	0.00	<b>0.00</b>	76,794 - 92,851	-
20000905	Senior Electrical Engineer	1.00	1.00	<b>1.00</b>	76,794 - 92,851	-
20000900	Senior Engineering Aide	0.33	0.00	<b>0.00</b>	44,429 - 53,706	-
20000902	Senior Engineering Aide	1.05	0.80	<b>0.00</b>	44,429 - 53,706	-
20000015	Senior Management Analyst	5.14	5.23	<b>4.92</b>	59,363 - 71,760	340,970
90000015	Senior Management Analyst - Hourly	0.12	0.11	<b>0.00</b>	59,363 - 71,760	-
20000880	Senior Marine Biologist	1.00	1.00	<b>1.00</b>	71,760 - 86,466	85,385
20000856	Senior Mechanical Engineer	0.33	0.00	<b>0.00</b>	76,794 - 92,851	-
20000918	Senior Planner	0.11	0.16	<b>0.39</b>	65,354 - 79,019	30,419
20000920	Senior Planner	0.11	0.48	<b>0.81</b>	65,354 - 79,019	60,160
20000708	Senior Plant Technician Supervisor	8.66	8.66	<b>7.33</b>	60,070 - 72,467	524,541
20000968	Senior Power Plant Supervisor	1.00	1.00	<b>0.00</b>	63,357 - 76,440	-
90000968	Senior Power Plant Supervisor - Hourly	0.00	0.00	<b>0.35</b>	63,357 - 76,440	22,175
20000916	Senior Public Information Officer	0.66	0.82	<b>0.93</b>	54,059 - 65,333	38,359
20000938	Senior Wastewater Operations Supervisor	6.00	6.00	<b>6.00</b>	70,699 - 85,530	504,200
20000055	Senior Wastewater Plant Operator	1.00	1.00	<b>1.00</b>	56,534 - 67,621	67,621
20000914	Senior Water Utility Supervisor	0.44	0.00	<b>0.00</b>	47,216 - 57,138	-

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000950	Stock Clerk	5.00	6.00	<b>5.34</b>	30,056 - 36,275	185,524
20000955	Storekeeper 1	5.00	6.00	<b>3.34</b>	34,611 - 41,517	136,924
20000956	Storekeeper 2	0.00	0.00	<b>2.00</b>	37,835 - 45,718	90,294
20000954	Storekeeper 3	1.00	1.00	<b>1.00</b>	39,811 - 47,882	47,283
90000964	Student Engineer - Hourly	0.14	0.32	<b>0.00</b>	26,707 - 32,011	-
90001146	Student Intern - Hourly	0.00	0.00	<b>0.26</b>	18,616 - 22,318	4,840
90000967	Student Worker - Hourly	0.12	0.00	<b>0.00</b>	20,925 - 24,918	-
20000313	Supervising Department Human Resources Analyst	0.33	0.33	<b>0.33</b>	66,768 - 80,891	26,362
20000995	Supervising Economist	0.41	0.41	<b>0.41</b>	66,768 - 80,891	32,757
20000990	Supervising Field Representative	0.00	0.16	<b>0.27</b>	35,651 - 42,890	11,437
20000985	Supervising Management Analyst	0.11	0.16	<b>0.27</b>	66,768 - 80,891	21,563
20000970	Supervising Management Analyst	3.34	3.33	<b>3.69</b>	66,768 - 80,891	294,776
20001021	Supervising Public Information Officer	0.11	0.16	<b>0.99</b>	59,363 - 71,760	70,155
21000177	Trainer	0.00	0.00	<b>1.98</b>	54,059 - 65,333	115,220
20001041	Training Supervisor	0.33	0.33	<b>0.33</b>	59,363 - 71,760	23,377
20000937	Wastewater Operations Supervisor	24.00	24.00	<b>24.00</b>	64,667 - 77,293	1,812,813
20000941	Wastewater Plant Operator	39.00	40.00	<b>40.00</b>	53,830 - 64,397	1,903,768
20000931	Wastewater Treatment Superintendent	4.00	4.00	<b>4.00</b>	81,578 - 98,675	389,768
20001058	Welder	2.00	2.00	<b>2.00</b>	44,366 - 53,206	106,412
20000756	Word Processing Operator	4.86	5.42	<b>6.21</b>	31,491 - 37,918	230,467
	Bilingual - Regular					3,832
	Exceptional Performance Pay-Classified					927
	Exceptional Performance Pay-Unclassified					1,045
	Geographic Info Cert Pay					2,823
	Night Shift Pay					74,188
	Overtime Budgeted					1,383,667
	Plant/Tank Vol Cert Pay					107,112
	Reg Pay For Engineers					167,682
	Split Shift Pay					30,391
	Termination Pay Annual Leave					163,988
	Welding Certification					3,640
<b>FTE, Salaries, and Wages Subtotal</b>		<b>443.98</b>	<b>450.89</b>	<b>447.35</b>		<b>\$ 27,794,779</b>

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013-2014 Change
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### Fringe Benefits

Employee Offset Savings	\$ 173,194	\$ 228,155	\$ 224,271	\$ (3,884)
Flexible Benefits	2,411,801	2,530,968	2,833,134	302,166
Long-Term Disability	146,549	151,730	139,837	(11,893)
Medicare	373,394	341,655	342,998	1,343
Other Post-Employment Benefits	1,056,328	2,678,234	2,622,431	(55,803)
Retiree Health Contribution	3,429,138	-	-	-

# Public Utilities

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013–2014 Change
Retiree Medical Trust	2,808	2,677	3,836	1,159
Retirement 401 Plan	11,446	10,714	15,277	4,563
Retirement ARC	8,440,375	8,350,844	10,015,416	1,664,572
Retirement DROP	112,726	102,122	118,523	16,401
Retirement Offset Contribution	59,100	66,982	-	(66,982)
Risk Management Administration	419,931	441,613	398,507	(43,106)
Supplemental Pension Savings Plan	1,472,850	1,443,411	1,428,565	(14,846)
Unemployment Insurance	78,459	77,134	74,458	(2,676)
Unused Sick Leave	(67)	-	-	-
Workers' Compensation	412,124	707,546	899,032	191,486
<b>Fringe Benefits Subtotal</b>	<b>\$ 18,600,155</b>	<b>\$ 17,133,786</b>	<b>\$ 19,116,285</b>	<b>\$ 1,982,499</b>
<b>Total Personnel Expenditures</b>			<b>\$ 46,911,064</b>	

## Municipal Sewer Revenue Fund

### Department Expenditures

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013–2014 Change
Metropolitan Wastewater - Muni	\$ 51,080,776	\$ 52,460,406	\$ 49,211,024	\$ (3,249,382)
Public Utilities	71,680,527	75,939,794	83,074,575	7,134,781
<b>Total</b>	<b>\$ 122,761,303</b>	<b>\$ 128,400,200</b>	<b>\$ 132,285,599</b>	<b>\$ 3,885,399</b>

### Department Personnel

	FY2012 Budget	FY2013 Budget	FY2014 Adopted	FY2013–2014 Change
Metropolitan Wastewater - Muni	297.00	285.00	242.00	(43.00)
Public Utilities	124.64	130.19	171.16	40.97
<b>Total</b>	<b>421.64</b>	<b>415.19</b>	<b>413.16</b>	<b>(2.03)</b>

### Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Salary and Benefit Adjustments</b> Adjustments to reflect the annualization of the Fiscal Year 2013 negotiated salary compensation schedule, changes to savings resulting from positions to be vacant for any period of the fiscal year, retirement contributions, retiree health contributions, and labor negotiation adjustments.	(0.11)	\$ 2,033,106	\$ -
<b>Non-Discretionary Adjustment</b> Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent.	0.00	2,006,709	-
<b>State Revolving Fund (SRF) Adjustment</b> Addition of funding for SRF loan repayments and reserves.	0.00	1,474,197	-
<b>Pipeline and Systems Condition Assessments</b> Addition of funding to perform condition assessments of wastewater pipelines and operation optimization.	0.00	718,485	-



# Public Utilities

## Significant Budget Adjustments (Cont'd)

	FTE	Expenditures	Revenue
<b>Enterprise Asset Management (EAM) Project</b> Addition of funding and support staff for the Public Utilities EAM Project.	0.72	639,689	-
<b>Support for Customer Service Call Center</b> Addition of 12.50 Customer Service Representatives to support the Customer Service Office Call Center and increase service levels.	6.25	500,751	-
<b>Repair and Maintenance Expenditures</b> Addition of funding for one-time repair and maintenance expenditures at various wastewater facilities.	0.00	400,000	-
<b>Laboratory Supplies and Maintenance</b> Addition of expenditures for laboratory supplies and facility maintenance.	0.00	209,922	-
<b>Facilities Condition Assessment</b> Addition of funding for a facility condition/needs assessment.	0.00	108,000	-
<b>Support for Distribution and Collection</b> Addition of 1.00 Program Manager to support the newly established Distribution and Collection branch.	0.50	95,398	-
<b>Supplemental COLA</b> Adjustment to reflect the allocation of the pay-go costs for the continued funding of the Supplemental Cost of Living Adjustment (COLA) Benefit.	0.00	77,641	-
<b>Water Billing Study</b> Addition of funding for contractual services expenditures to complete the Water Budget-Based Billing study.	0.00	32,500	-
<b>Contractual Services Expenditures</b> Adjustment to reflect an increase in expenditures for contractual services.	0.00	27,895	-
<b>Support for Facilities</b> Addition of 1.00 Building Service Technician to address facility needs at City-owned buildings.	0.33	24,032	-
<b>Transfer of Accountant 3</b> Transfer of 1.00 Accountant 3 from the Public Utilities Department to the City Comptroller Department to perform internal controls work.	(0.50)	17,739	-
<b>External Affairs</b> Adjustment reflects an increase in non-personnel expenditures related to External Affairs.	0.00	5,760	-
<b>Credit Rating Services</b> Addition of expenditures for credit rating services which were previously paid by the City Treasurer Department.	0.00	1,800	-
<b>Interagency Agreements</b> Adjustment in funding for annual payments for the Hale Avenue Treatment Facility and Municipal Transportation Agreements.	0.00	(97,500)	-



# Public Utilities

## Significant Budget Adjustments (Cont'd)

	FTE	Expenditures	Revenue
<b>Non-Standard Hour Personnel Funding</b> Adjustment to expenditures according to a zero-based annual review of non-standard hour personnel funding requirements.	(3.42)	(137,843)	-
<b>Equipment/Support for Information Technology</b> Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements and priority analyses.	0.00	(295,083)	-
<b>Public Utilities Development Plan Review Transfer</b> Transfer of the development plan review function from the Public Utilities Department to the Development Services Department.	(3.42)	(352,430)	-
<b>Public Utilities Restructure</b> Reallocation among funds to more accurately reflect operational expenditures as well as an adjustment due to efficiencies realized.	(2.38)	(526,001)	-
<b>One-Time Reductions and Annualizations</b> Adjustment to reflect the removal of one-time revenues and expenditures, and the annualization of revenues and expenditures, implemented in Fiscal Year 2013.	0.00	(3,079,368)	(5,586)
<b>Revised Revenue</b> Adjustment to reflect Fiscal Year 2014 revenue projections.	0.00	-	(14,687,000)
<b>Total</b>	<b>(2.03)</b>	<b>\$ 3,885,399</b>	<b>\$ (14,692,586)</b>

## Expenditures by Category

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013-2014 Change
<b>PERSONNEL</b>				
Personnel Cost	\$ 21,970,192	\$ 23,018,458	\$ 23,173,861	\$ 155,403
Fringe Benefits	14,487,963	14,532,349	16,497,358	1,965,010
<b>PERSONNEL SUBTOTAL</b>	<b>\$ 36,458,155</b>	<b>\$ 37,550,807</b>	<b>\$ 39,671,219</b>	<b>\$ 2,120,412</b>
<b>NON-PERSONNEL</b>				
Supplies	\$ 3,991,816	\$ 4,372,934	\$ 4,678,035	\$ 305,101
Contracts	26,037,613	31,138,734	31,375,522	236,788
Information Technology	4,948,921	8,334,812	7,291,682	(1,043,130)
Energy and Utilities	4,231,542	6,154,436	5,441,660	(712,776)
Other	454,977	1,218,917	856,942	(361,975)
CIP Contingency	-	35,793	-	(35,793)
Transfers Out	45,607,906	39,050,593	42,017,867	2,967,274
Capital Expenditures	369,127	543,174	583,174	40,000
Debt	661,247	-	369,498	369,498
<b>NON-PERSONNEL SUBTOTAL</b>	<b>\$ 86,303,147</b>	<b>\$ 90,849,393</b>	<b>\$ 92,614,380</b>	<b>\$ 1,764,987</b>
<b>Total</b>	<b>\$ 122,761,303</b>	<b>\$ 128,400,200</b>	<b>\$ 132,285,599</b>	<b>\$ 3,885,399</b>

# Public Utilities

## Revenues by Category

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013–2014 Change
Charges for Services	\$ 318,395,067	\$ 302,711,000	\$ 304,754,000	\$ 2,043,000
Fines Forfeitures and Penalties	-	5,586	-	(5,586)
Other Revenue	11,702,092	250,000	250,000	-
Rev from Money and Prop	4,425,269	5,050,000	1,223,000	(3,827,000)
Rev from Other Agencies	3,324,975	23,650,000	10,747,000	(12,903,000)
<b>Total</b>	<b>\$ 337,847,404</b>	<b>\$ 331,666,586</b>	<b>\$ 316,974,000</b>	<b>\$ (14,692,586)</b>

## Personnel Expenditures

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
<b>FTE, Salaries, and Wages</b>						
20000011	Account Clerk	2.38	2.60	<b>2.60</b>	\$31,491 - \$37,918	\$ 96,009
20000007	Accountant 3	0.22	0.33	<b>0.33</b>	59,363 - 71,760	15,597
20000102	Accountant 4	0.22	0.22	<b>0.22</b>	66,768 - 88,982	19,334
20000012	Administrative Aide 1	1.22	1.22	<b>1.22</b>	36,962 - 44,533	53,181
20000024	Administrative Aide 2	5.91	4.07	<b>4.40</b>	42,578 - 51,334	220,363
20000057	Assistant Chemist	10.00	10.00	<b>10.00</b>	53,789 - 65,333	580,644
20001140	Assistant Department Director	0.18	0.18	<b>0.18</b>	31,741 - 173,971	18,516
90001202	Assistant Deputy Director - Hourly	1.00	0.00	<b>0.00</b>	23,005 - 137,904	-
20000070	Assistant Engineer-Civil	11.57	10.25	<b>10.23</b>	57,866 - 69,722	658,137
20000087	Assistant Engineer-Mechanical	0.18	0.18	<b>0.16</b>	57,866 - 69,722	11,017
20000080	Assistant Laboratory Technician	1.00	1.00	<b>1.00</b>	33,696 - 40,602	40,095
20000041	Assistant Management Analyst	0.00	0.18	<b>0.18</b>	44,470 - 54,059	9,611
20001228	Assistant Metropolitan Wastewater Director	0.18	0.18	<b>0.18</b>	31,741 - 173,971	24,889
90001228	Assistant Metropolitan Wastewater Director - Hourly	0.06	0.00	<b>0.00</b>	31,741 - 173,971	-
20000140	Associate Chemist	4.00	4.00	<b>4.50</b>	62,005 - 75,067	333,550
20000311	Associate Department Human Resources Analyst	0.90	0.90	<b>0.90</b>	54,059 - 65,333	53,702
20000145	Associate Engineer-Civil	0.62	0.62	<b>0.51</b>	66,622 - 80,454	40,523
20000143	Associate Engineer-Civil	9.08	8.26	<b>8.37</b>	66,622 - 80,454	662,078
90000143	Associate Engineer-Civil - Hourly	0.00	0.06	<b>0.00</b>	66,622 - 80,454	-
20000150	Associate Engineer-Electrical	0.18	0.18	<b>0.16</b>	66,622 - 80,454	12,720
20000154	Associate Engineer-Mechanical	0.25	0.25	<b>0.16</b>	66,622 - 80,454	12,732
20000137	Associate Management Analyst	1.08	1.58	<b>0.00</b>	54,059 - 65,333	-
20000134	Associate Management Analyst	0.22	0.22	<b>0.22</b>	54,059 - 65,333	14,197
20000132	Associate Management Analyst	0.00	0.00	<b>0.36</b>	54,059 - 65,333	19,461
20000119	Associate Management Analyst	7.10	6.54	<b>6.73</b>	54,059 - 65,333	427,501
90000119	Associate Management Analyst - Hourly	0.70	0.00	<b>0.00</b>	54,059 - 65,333	-
20000162	Associate Planner	1.00	1.00	<b>0.67</b>	56,722 - 68,536	45,336
20000649	Biologist 3	2.00	2.00	<b>1.34</b>	62,005 - 75,067	-
20000205	Building Service Supervisor	0.00	0.00	<b>0.33</b>	45,718 - 55,286	16,086
20000224	Building Service Technician	0.00	0.00	<b>0.33</b>	33,322 - 39,666	12,506

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000266	Cashier	2.50	2.50	<b>2.50</b>	31,491 - 37,918	87,657
20000236	Cement Finisher	1.00	1.00	<b>1.00</b>	43,451 - 52,083	52,083
90000836	Claims and Insurance Manager - Hourly	0.17	0.00	<b>0.00</b>	73,445 - 88,837	-
20000539	Clerical Assistant 2	3.56	3.34	<b>3.06</b>	29,931 - 36,067	108,425
20000306	Code Compliance Officer	1.50	1.50	<b>0.50</b>	37,232 - 44,803	18,616
20000307	Code Compliance Supervisor	0.50	0.50	<b>0.00</b>	42,890 - 51,334	-
20000829	Compliance and Metering Manager	0.50	1.00	<b>1.00</b>	73,445 - 88,837	87,732
20000801	Customer Information and Billing Manager	0.50	0.50	<b>1.00</b>	73,445 - 88,837	80,586
90000801	Customer Information and Billing Manager - Hourly	0.00	0.17	<b>0.00</b>	73,445 - 88,837	-
20000369	Customer Services Representative	17.50	17.50	<b>22.00</b>	32,968 - 39,811	812,339
90000369	Customer Services Representative - Hourly	0.00	4.00	<b>2.50</b>	32,968 - 39,811	82,420
20000366	Customer Services Supervisor	2.00	2.00	<b>2.50</b>	57,782 - 69,784	166,704
20001168	Deputy Director	2.04	2.04	<b>2.37</b>	46,966 - 172,744	281,177
90001168	Deputy Director - Hourly	1.17	0.23	<b>0.00</b>	46,966 - 172,744	-
20000426	Equipment Operator 1	1.00	0.00	<b>0.00</b>	37,690 - 45,115	-
20000428	Equipment Operator 1	1.00	1.00	<b>1.00</b>	37,690 - 45,115	45,115
20000429	Equipment Operator 1	29.00	30.00	<b>30.00</b>	37,690 - 45,115	1,352,354
20000430	Equipment Operator 2	12.00	12.00	<b>12.00</b>	41,350 - 49,462	569,208
20000436	Equipment Operator 3	2.00	2.00	<b>2.00</b>	43,160 - 51,667	103,334
20000418	Equipment Technician 1	13.00	11.00	<b>11.00</b>	36,005 - 43,139	474,529
20000423	Equipment Technician 2	11.00	10.00	<b>10.00</b>	39,499 - 47,091	423,819
20000431	Equipment Technician 3	1.00	1.00	<b>1.00</b>	43,368 - 51,813	51,813
20000924	Executive Secretary	0.18	0.18	<b>0.18</b>	43,555 - 52,666	9,360
20000461	Field Representative	16.50	15.50	<b>14.50</b>	32,323 - 38,917	554,008
90000461	Field Representative - Hourly	0.00	3.25	<b>3.25</b>	32,323 - 38,917	105,051
20000483	General Water Utility Supervisor	4.00	4.00	<b>4.00</b>	59,342 - 71,760	280,135
20000502	Heavy Truck Driver 1	2.00	2.00	<b>2.00</b>	36,234 - 43,160	86,320
20000178	Information Systems Administrator	0.19	0.19	<b>0.19</b>	73,466 - 88,982	16,702
20000290	Information Systems Analyst 2	2.21	2.40	<b>2.71</b>	54,059 - 65,333	174,792
20000293	Information Systems Analyst 3	1.33	1.33	<b>1.33</b>	59,363 - 71,760	92,064
20000998	Information Systems Analyst 4	0.95	0.95	<b>0.76</b>	66,768 - 80,891	60,720
20000515	Instrumentation and Control Technician	2.00	2.00	<b>2.00</b>	51,896 - 62,296	124,592
20000590	Laboratory Technician	9.00	9.00	<b>9.00</b>	40,622 - 49,067	366,252
90001073	Management Intern - Hourly	0.06	1.18	<b>0.27</b>	24,274 - 29,203	6,555
20000634	Organization Effectiveness Specialist 2	0.18	0.58	<b>0.54</b>	54,059 - 65,333	34,627

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000627	Organization Effectiveness Specialist 3	0.18	0.18	<b>0.18</b>	59,363 - 71,760	12,750
20000639	Organization Effectiveness Supervisor	0.18	0.18	<b>0.18</b>	66,768 - 80,891	14,386
20000680	Payroll Specialist 2	1.80	1.80	<b>1.80</b>	34,611 - 41,787	74,363
20000173	Payroll Supervisor	0.36	0.36	<b>0.36</b>	39,686 - 48,069	17,103
20000701	Plant Process Control Electrician	12.00	10.00	<b>10.00</b>	51,896 - 62,296	622,960
20000703	Plant Process Control Supervisor	1.00	1.00	<b>1.00</b>	56,410 - 68,224	67,371
20000705	Plant Process Control Supervisor	7.36	5.36	<b>5.18</b>	56,410 - 68,224	336,057
20000687	Plant Technician 1	2.00	2.00	<b>2.00</b>	37,814 - 45,261	90,522
20000688	Plant Technician 2	2.00	2.00	<b>2.00</b>	41,454 - 49,504	99,008
20000689	Plant Technician 3	1.00	1.00	<b>1.00</b>	45,490 - 54,434	54,434
20000706	Plant Technician Supervisor	1.00	1.00	<b>1.00</b>	52,666 - 62,837	52,666
90000733	Power Plant Supervisor - Hourly	0.00	0.06	<b>0.00</b>	55,141 - 66,581	-
20000740	Principal Drafting Aide	0.72	0.72	<b>0.54</b>	50,003 - 60,549	30,526
20000743	Principal Engineering Aide	8.91	9.27	<b>9.69</b>	50,003 - 60,549	518,742
20000750	Principal Water Utility Supervisor	2.00	2.00	<b>2.00</b>	52,000 - 62,837	114,051
20001222	Program Manager	1.85	2.03	<b>2.53</b>	46,966 - 172,744	278,067
20000760	Project Assistant	1.00	1.00	<b>0.67</b>	57,866 - 69,722	46,132
20000761	Project Officer 1	2.00	2.00	<b>1.34</b>	66,622 - 80,454	97,868
20000763	Project Officer 2	1.00	1.18	<b>0.83</b>	76,794 - 92,851	76,102
20000783	Public Information Clerk	0.66	0.66	<b>0.44</b>	31,491 - 37,918	16,468
20001150	Public Utilities Director	0.18	0.18	<b>0.18</b>	59,155 - 224,099	31,152
20000319	Pump Station Operator	5.00	5.00	<b>5.00</b>	43,493 - 51,917	259,585
20000320	Pump Station Operator Supervisor	1.00	1.00	<b>1.00</b>	47,674 - 56,888	56,177
20000559	Recycling Program Manager	0.18	0.00	<b>0.00</b>	76,731 - 92,893	-
20000560	Recycling Program Manager	0.18	0.18	<b>0.18</b>	76,731 - 92,893	-
20000847	Safety Officer	0.36	0.36	<b>0.36</b>	57,907 - 69,930	24,866
20000850	Safety Officer	0.18	0.00	<b>0.00</b>	57,907 - 69,930	-
20000854	Safety Representative 2	1.62	1.62	<b>1.95</b>	50,461 - 61,027	117,107
90000854	Safety Representative 2 - Hourly	0.12	0.00	<b>0.00</b>	50,461 - 61,027	-
20001042	Safety and Training Manager	0.36	0.54	<b>0.54</b>	66,768 - 80,891	40,764
20000869	Senior Account Clerk	0.44	0.44	<b>0.44</b>	36,067 - 43,514	18,911
20000883	Senior Chemist	1.00	1.00	<b>1.30</b>	71,739 - 86,466	111,006
20000885	Senior Civil Engineer	2.62	2.56	<b>2.28</b>	76,794 - 92,851	209,061
20000927	Senior Clerk/Typist	0.18	0.18	<b>0.18</b>	36,067 - 43,514	7,739
20000898	Senior Customer Services Representative	3.00	3.00	<b>3.00</b>	37,835 - 45,781	135,594
90000898	Senior Customer Services Representative - Hourly	0.00	0.17	<b>0.00</b>	37,835 - 45,781	-
20000312	Senior Department Human Resources Analyst	0.18	0.18	<b>0.18</b>	59,363 - 71,760	12,753
20000400	Senior Drafting Aide	1.26	1.48	<b>1.48</b>	44,429 - 53,706	78,259

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000902	Senior Engineering Aide	2.50	3.00	<b>0.00</b>	44,429 - 53,706	-
20000900	Senior Engineering Aide	10.18	10.00	<b>10.50</b>	44,429 - 53,706	531,878
20000015	Senior Management Analyst	3.76	3.69	<b>4.32</b>	59,363 - 71,760	298,929
90000015	Senior Management Analyst - Hourly	0.06	0.06	<b>0.00</b>	59,363 - 71,760	-
20000856	Senior Mechanical Engineer	0.18	0.00	<b>0.00</b>	76,794 - 92,851	-
20000918	Senior Planner	1.00	1.00	<b>0.67</b>	65,354 - 79,019	52,280
20000708	Senior Plant Technician Supervisor	0.36	0.36	<b>0.18</b>	60,070 - 72,467	12,883
20000916	Senior Public Information Officer	0.36	0.36	<b>0.36</b>	54,059 - 65,333	11,607
20000914	Senior Water Utility Supervisor	13.18	14.00	<b>14.00</b>	47,216 - 57,138	677,088
20000950	Stock Clerk	0.00	0.00	<b>0.33</b>	30,056 - 36,275	11,820
20000955	Storekeeper 1	0.00	0.00	<b>0.33</b>	34,611 - 41,517	13,534
90000964	Student Engineer - Hourly	0.00	0.09	<b>0.00</b>	26,707 - 32,011	-
90000967	Student Worker - Hourly	0.46	0.00	<b>0.00</b>	20,925 - 24,918	-
20000313	Supervising Department Human Resources Analyst	0.18	0.18	<b>0.18</b>	66,768 - 80,891	14,376
20000995	Supervising Economist	0.23	0.23	<b>0.23</b>	66,768 - 80,891	18,371
20000990	Supervising Field Representative	1.00	0.50	<b>0.50</b>	35,651 - 42,890	21,182
20000970	Supervising Management Analyst	2.76	2.74	<b>2.60</b>	66,768 - 80,891	207,709
20000997	Supervising Meter Reader	1.00	1.00	<b>1.00</b>	37,253 - 44,720	44,168
90000997	Supervising Meter Reader - Hourly	0.00	0.17	<b>0.00</b>	37,253 - 44,720	-
20001021	Supervising Public Information Officer	0.50	0.50	<b>0.54</b>	59,363 - 71,760	38,281
20000333	Supervising Wastewater Pretreatment Inspector	3.00	3.00	<b>3.00</b>	66,685 - 80,870	239,577
21000177	Trainer	0.00	0.00	<b>1.58</b>	54,059 - 65,333	95,105
20001041	Training Supervisor	0.18	0.18	<b>0.18</b>	59,363 - 71,760	12,753
20001051	Utility Worker 1	46.00	46.00	<b>46.00</b>	30,534 - 36,296	1,587,404
20000323	Wastewater Pretreatment Inspector 2	8.00	8.00	<b>8.00</b>	55,078 - 66,768	456,139
20000325	Wastewater Pretreatment Inspector 3	5.00	5.00	<b>5.00</b>	60,674 - 73,507	347,255
20000523	Wastewater Pretreatment Program Manager	1.00	1.00	<b>1.00</b>	72,966 - 88,546	87,439
20001063	Water Utility Supervisor	14.00	14.00	<b>14.00</b>	43,472 - 51,979	548,905
20001065	Water Utility Worker	32.00	31.00	<b>31.00</b>	33,322 - 39,666	1,070,982
20000756	Word Processing Operator	7.08	5.58	<b>5.41</b>	31,491 - 37,918	202,601
	Bilingual - Regular					20,743
	Exceptional Performance Pay-Classified					7,275
	Exceptional Performance Pay-Unclassified					570
	Geographic Info Cert Pay					1,541
	Night Shift Pay					18,866
	Overtime Budgeted					2,436,091

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
	Plant/Tank Vol Cert Pay					87,444
	Reg Pay For Engineers					92,035
	Split Shift Pay					24,341
	Termination Pay Annual Leave					53,265
<b>FTE, Salaries, and Wages Subtotal</b>		<b>421.64</b>	<b>415.19</b>	<b>413.16</b>		<b>\$ 23,173,861</b>
		<b>FY2012 Actual</b>	<b>FY2013 Budget</b>	<b>FY2014 Adopted</b>		<b>FY2013-2014 Change</b>
<b>Fringe Benefits</b>						
	Employee Offset Savings	\$ 130,020	\$ 162,186	\$ 164,008		\$ 1,822
	Flexible Benefits	2,143,698	2,257,495	2,638,339		380,844
	Long-Term Disability	110,476	117,754	110,285		(7,469)
	Medicare	290,385	272,426	276,683		4,257
	Other Post-Employment Benefits	807,089	2,427,994	2,445,124		17,130
	Retiree Health Contribution	1,837,286	-	-		-
	Retiree Medical Trust	1,038	1,090	1,674		584
	Retirement 401 Plan	3,870	4,300	6,565		2,265
	Retirement ARC	6,852,085	6,833,906	8,345,743		1,511,837
	Retirement DROP	64,089	55,350	75,291		19,941
	Retirement Offset Contribution	43,441	47,859	-		(47,859)
	Risk Management Administration	377,467	400,266	370,531		(29,735)
	Supplemental Pension Savings Plan	1,151,431	1,112,473	1,118,850		6,377
	Unemployment Insurance	63,231	60,016	58,686		(1,330)
	Unused Sick Leave	0	-	-		-
	Workers' Compensation	612,358	779,233	885,579		106,346
<b>Fringe Benefits Subtotal</b>		<b>\$ 14,487,963</b>	<b>\$ 14,532,349</b>	<b>\$ 16,497,358</b>		<b>\$ 1,965,010</b>
<b>Total Personnel Expenditures</b>					<b>\$ 39,671,219</b>	

## Water Utility Operating Fund

### Department Expenditures

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013-2014 Change
Public Utilities	\$ 120,737,506	\$ 145,108,335	\$ 142,075,681	\$ (3,032,654)
Water	250,977,720	291,815,854	297,214,865	5,399,011
<b>Total</b>	<b>\$ 371,715,227</b>	<b>\$ 436,924,189</b>	<b>\$ 439,290,546</b>	<b>\$ 2,366,357</b>

### Department Personnel

	FY2012 Budget	FY2013 Budget	FY2014 Adopted	FY2013-2014 Change
Public Utilities	253.87	252.86	285.23	32.37
Water	465.00	455.58	417.85	(37.73)
<b>Total</b>	<b>718.87</b>	<b>708.44</b>	<b>703.08</b>	<b>(5.36)</b>

# Public Utilities

## Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Pipeline and Systems Condition Assessments</b> Addition of funding to perform condition assessments of water pipelines and operation optimization.	0.00	\$ 4,508,282	\$ -
<b>Water Purchases</b> Adjustment to reflect an increase in water purchases due to water rate increases by the Metropolitan Water District and San Diego County Water Authority.	0.00	3,826,121	-
<b>Salary and Benefit Adjustments</b> Adjustments to reflect the annualization of the Fiscal Year 2013 negotiated salary compensation schedule, changes to savings resulting from positions to be vacant for any period of the fiscal year, retirement contributions, retiree health contributions, and labor negotiation adjustments.	(0.20)	3,498,907	-
<b>Repair and Maintenance Expenditures</b> Addition of funding for one-time repair and maintenance expenditures at various wastewater facilities.	0.00	2,754,800	-
<b>Water Infrastructure Expenditures</b> Adjustment to reflect an increase in funding for water infrastructure support and supplies expenditures.	0.00	1,560,000	-
<b>Enterprise Asset Management (EAM) Project</b> Addition of funding and support staff for the Public Utilities EAM Project.	0.78	692,997	-
<b>Support for Customer Service Call Center</b> Addition of 12.50 Customer Service Representatives to support the Customer Service Office Call Center and increase service levels.	6.25	500,751	-
<b>Water Programs</b> Adjustment reflects an increase in contractual expenditures for the Memorandum of Understanding (MOU) with the County of San Diego and the San Diego County Water Authority, watershed and land management protection plans, and the commercial rebate program.	0.00	417,060	-
<b>Laboratory Supplies and Maintenance</b> Addition of expenditures for laboratory supplies and facility maintenance.	0.00	398,358	-
<b>Facilities Condition Assessment</b> Addition of funding for a facility condition/needs assessment.	0.00	294,000	-
<b>Proposition 218 Notification Mailing</b> Adjustment reflects funding for mailing Proposition 218 notifications.	0.00	223,200	-
<b>State Revolving Fund (SRF) Adjustment</b> Addition of funding for SRF loan repayments and reserves.	0.00	197,178	-
<b>Recycled Water Master Plan</b> Adjustment to reflect an increase in contractual expenditures for the 2015 Recycled Water Master Plan Update.	0.00	175,000	-



# Public Utilities

## Significant Budget Adjustments (Cont'd)

	FTE	Expenditures	Revenue
<b>Supplemental COLA</b> Adjustment to reflect the allocation of the pay-go costs for the continued funding of the Supplemental Cost of Living Adjustment (COLA) Benefit.	0.00	130,201	-
<b>Support for Distribution and Collection</b> Addition of 1.00 Program Manager to support the newly established Distribution and Collection branch.	0.50	95,398	-
<b>Support for Facilities</b> Addition of 1.00 Building Service Technician to address facility needs at City-owned buildings.	0.33	24,032	-
<b>Transfer of Accountant 3</b> Transfer of 1.00 Accountant 3 from the Public Utilities Department to the City Comptroller Department to perform internal controls work.	(0.50)	17,668	-
<b>External Affairs</b> Adjustment reflects an increase in non-personnel expenditures related to External Affairs.	0.00	14,700	-
<b>Credit Rating Services</b> Addition of expenditures for credit rating services which were previously paid by the City Treasurer Department.	0.00	1,800	-
<b>Non-Standard Hour Personnel Funding</b> Adjustment to expenditures according to a zero-based annual review of non-standard hour personnel funding requirements.	(4.15)	(185,143)	-
<b>Public Utilities Development Plan Review Transfer</b> Transfer of the development plan review function from the Public Utilities Department to the Development Services Department.	(6.04)	(743,895)	-
<b>Equipment/Support for Information Technology</b> Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements and priority analyses.	0.00	(891,947)	-
<b>Non-Discretionary Adjustment</b> Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent.	0.00	(2,576,086)	-
<b>One-Time Reductions and Annualizations</b> Adjustment to reflect the removal of one-time revenues and expenditures, and the annualization of revenues and expenditures, implemented in Fiscal Year 2013.	0.00	(2,805,435)	(7,802)
<b>Contribution to Operating Reserve</b> Adjustment reflects a decrease in expenditures for the annual contribution to the Operating Reserve.	0.00	(4,754,520)	-
<b>Public Utilities Restructure</b> Reallocation among funds to more accurately reflect operational expenditures as well as an adjustment due to efficiencies realized.	(2.33)	(5,007,070)	-



# Public Utilities

## Significant Budget Adjustments (Cont'd)

	FTE	Expenditures	Revenue
<b>SDG&amp;E Settlement Revenue</b>	0.00	-	3,377,269
Adjustment to reflect the addition of SDG&E wildfire settlement revenue from the Public Liability Fund.			
<b>Revised Revenue</b>	0.00	-	(42,777,000)
Adjustment to reflect Fiscal Year 2014 revenue projections.			
<b>Total</b>	<b>(5.36)</b>	<b>\$ 2,366,357</b>	<b>\$ (39,407,533)</b>

## Expenditures by Category

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013-2014 Change
<b>PERSONNEL</b>				
Personnel Cost	\$ 39,285,407	\$ 39,326,153	\$ 39,633,086	\$ 306,933
Fringe Benefits	25,322,268	25,473,213	28,474,086	3,000,873
<b>PERSONNEL SUBTOTAL</b>	<b>\$ 64,607,675</b>	<b>\$ 64,799,366</b>	<b>\$ 68,107,172</b>	<b>\$ 3,307,806</b>
<b>NON-PERSONNEL</b>				
Supplies	\$ 160,775,873	\$ 196,121,093	\$ 202,392,258	\$ 6,271,165
Contracts	58,464,112	72,069,313	72,008,751	(60,562)
Information Technology	10,617,574	14,490,543	12,703,260	(1,787,283)
Energy and Utilities	9,874,062	10,902,614	11,699,078	796,464
Other	2,912,321	3,456,109	3,362,597	(93,512)
CIP Contingency	-	4,758,255	-	(4,758,255)
Appropriated Reserve	-	3,500,000	3,500,000	-
Transfers Out	66,837,674	64,940,916	63,073,061	(1,867,855)
Capital Expenditures	188,070	1,845,307	2,067,834	222,527
Debt	(2,562,135)	40,673	376,535	335,862
<b>NON-PERSONNEL SUBTOTAL</b>	<b>\$ 307,107,552</b>	<b>\$ 372,124,823</b>	<b>\$ 371,183,374</b>	<b>\$ (941,449)</b>
<b>Total</b>	<b>\$ 371,715,227</b>	<b>\$ 436,924,189</b>	<b>\$ 439,290,546</b>	<b>\$ 2,366,357</b>

## Revenues by Category

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013-2014 Change
Charges for Services	\$ 409,338,267	\$ 420,560,000	\$ 412,676,269	\$ (7,883,731)
Fines Forfeitures and Penalties	-	7,802	-	(7,802)
Other Revenue	70,770,928	38,730,000	325,000	(38,405,000)
Rev from Federal Agencies	1,217,725	850,000	-	(850,000)
Rev from Money and Prop	8,508,845	6,500,000	6,775,000	275,000
Rev from Other Agencies	271,894	367,000	7,831,000	7,464,000
Transfers In	38,000,000	-	-	-
<b>Total</b>	<b>\$ 528,107,660</b>	<b>\$ 467,014,802</b>	<b>\$ 427,607,269</b>	<b>\$ (39,407,533)</b>

## Personnel Expenditures

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
<b>FTE, Salaries, and Wages</b>						
20000011	Account Clerk	4.49	4.89	4.89	\$31,491 - \$37,918	\$ 180,710
20000007	Accountant 3	1.40	1.60	0.60	59,363 - 71,760	28,348
20000102	Accountant 4	0.40	0.40	0.40	66,768 - 88,982	35,150
20000012	Administrative Aide 1	0.40	0.40	0.40	36,962 - 44,533	17,591
20000024	Administrative Aide 2	12.38	9.65	9.64	42,578 - 51,334	472,177

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000057	Assistant Chemist	12.00	12.00	<b>12.00</b>	53,789 - 65,333	695,047
20001140	Assistant Department Director	1.49	1.49	<b>1.49</b>	31,741 - 173,971	50,402
20000072	Assistant Engineer-Civil	1.00	1.00	<b>0.00</b>	57,866 - 69,722	-
20000070	Assistant Engineer-Civil	31.84	31.07	<b>24.16</b>	57,866 - 69,722	1,567,056
21000176	Assistant Engineer-Corrosion	0.00	0.00	<b>1.00</b>	57,866 - 69,722	68,850
20000087	Assistant Engineer-Mechanical	0.49	0.49	<b>0.23</b>	57,866 - 69,722	15,841
20000041	Assistant Management Analyst	0.00	0.49	<b>0.49</b>	44,470 - 54,059	26,158
20001228	Assistant Metropolitan Wastewater Director	0.49	0.49	<b>0.49</b>	31,741 - 173,971	67,739
90001228	Assistant Metropolitan Wastewater Director - Hourly	0.17	0.00	<b>0.00</b>	31,741 - 173,971	-
20000109	Assistant Reservoir Keeper	8.00	8.00	<b>8.00</b>	34,944 - 41,662	319,750
20000140	Associate Chemist	4.00	4.00	<b>4.25</b>	62,005 - 75,067	278,666
90000140	Associate Chemist - Hourly	0.00	0.00	<b>0.35</b>	62,005 - 75,067	21,702
20000311	Associate Department Human Resources Analyst	2.45	2.45	<b>2.45</b>	54,059 - 65,333	146,183
20000143	Associate Engineer-Civil	21.12	19.53	<b>18.19</b>	66,622 - 80,454	1,345,638
20000145	Associate Engineer-Civil	1.29	1.29	<b>1.09</b>	66,622 - 80,454	86,592
90000143	Associate Engineer-Civil - Hourly	0.00	0.17	<b>0.00</b>	66,622 - 80,454	-
20000350	Associate Engineer-Corrosion	2.00	2.00	<b>2.00</b>	66,622 - 80,454	158,896
20000150	Associate Engineer-Electrical	0.49	0.49	<b>0.23</b>	66,622 - 80,454	18,261
20000154	Associate Engineer-Mechanical	1.30	0.30	<b>0.23</b>	66,622 - 80,454	18,262
20000132	Associate Management Analyst	0.00	0.00	<b>0.39</b>	54,059 - 65,333	21,083
20000119	Associate Management Analyst	19.20	18.53	<b>18.51</b>	54,059 - 65,333	1,169,002
20000137	Associate Management Analyst	3.94	3.44	<b>0.00</b>	54,059 - 65,333	-
20000134	Associate Management Analyst	0.40	0.40	<b>0.40</b>	54,059 - 65,333	25,813
90000119	Associate Management Analyst - Hourly	0.72	0.00	<b>0.00</b>	54,059 - 65,333	-
20000162	Associate Planner	0.89	1.68	<b>1.67</b>	56,722 - 68,536	113,036
20000655	Biologist 2	8.00	8.00	<b>8.00</b>	53,726 - 65,333	440,822
20000648	Biologist 3	2.00	2.00	<b>2.00</b>	62,005 - 75,067	141,871
20000649	Biologist 3	0.00	0.00	<b>0.42</b>	62,005 - 75,067	-
20000205	Building Service Supervisor	1.00	0.00	<b>0.33</b>	45,718 - 55,286	16,083
20000224	Building Service Technician	0.00	0.00	<b>0.33</b>	33,322 - 39,666	12,506
20000234	Carpenter	2.00	2.00	<b>2.00</b>	43,451 - 52,000	52,000
20000266	Cashier	2.50	2.50	<b>2.50</b>	31,491 - 37,918	87,657
20000236	Cement Finisher	1.00	1.00	<b>1.00</b>	43,451 - 52,083	52,083
90000836	Claims and Insurance Manager - Hourly	0.18	0.00	<b>0.00</b>	73,445 - 88,837	-
20000539	Clerical Assistant 2	8.60	8.20	<b>8.09</b>	29,931 - 36,067	287,100
20000306	Code Compliance Officer	1.50	1.50	<b>2.50</b>	37,232 - 44,803	62,859
20000307	Code Compliance Supervisor	0.50	0.50	<b>1.00</b>	42,890 - 51,334	-
20000829	Compliance and Metering Manager	1.50	1.00	<b>1.00</b>	73,445 - 88,837	87,722

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000801	Customer Information and Billing Manager	0.50	0.50	<b>1.00</b>	73,445 - 88,837	80,585
90000801	Customer Information and Billing Manager - Hourly	0.00	0.17	<b>0.00</b>	73,445 - 88,837	-
20000369	Customer Services Representative	17.50	17.50	<b>23.50</b>	32,968 - 39,811	871,163
90000369	Customer Services Representative - Hourly	0.00	4.00	<b>2.50</b>	32,968 - 39,811	82,420
20000366	Customer Services Supervisor	3.00	2.00	<b>2.50</b>	57,782 - 69,784	166,726
20001168	Deputy Director	4.87	4.82	<b>5.03</b>	46,966 - 172,744	596,433
90001168	Deputy Director - Hourly	0.18	0.34	<b>0.00</b>	46,966 - 172,744	-
20000434	Electronics Technician	1.00	0.00	<b>0.00</b>	47,091 - 56,534	-
20000430	Equipment Operator 2	11.00	11.00	<b>11.00</b>	41,350 - 49,462	544,082
20000418	Equipment Technician 1	23.00	22.00	<b>18.00</b>	36,005 - 43,139	776,502
20000423	Equipment Technician 2	3.00	3.00	<b>2.00</b>	39,499 - 47,091	94,182
20000924	Executive Secretary	0.49	0.49	<b>0.49</b>	43,555 - 52,666	25,488
20000461	Field Representative	16.39	17.02	<b>16.69</b>	32,323 - 38,917	638,286
90000461	Field Representative - Hourly	0.00	3.25	<b>3.25</b>	32,323 - 38,917	105,051
20000822	Golf Course Manager	2.00	2.00	<b>2.00</b>	59,488 - 71,760	137,788
90000819	Golf Course Manager - Hourly	0.00	0.29	<b>0.26</b>	59,488 - 71,760	15,467
20000501	Heavy Truck Driver 2	2.00	2.00	<b>2.00</b>	37,565 - 45,302	45,302
20000513	Hydrography Aide	1.00	1.00	<b>1.00</b>	42,536 - 51,251	50,610
20000178	Information Systems Administrator	0.47	0.47	<b>0.47</b>	73,466 - 88,982	41,297
20000290	Information Systems Analyst 2	4.73	5.20	<b>5.23</b>	54,059 - 65,333	337,452
20000293	Information Systems Analyst 3	3.29	3.29	<b>3.29</b>	59,363 - 71,760	227,778
20000998	Information Systems Analyst 4	2.35	2.35	<b>1.88</b>	66,768 - 80,891	150,184
20000514	Instrumentation and Control Supervisor	0.00	1.00	<b>1.00</b>	56,410 - 68,224	-
20000515	Instrumentation and Control Technician	7.00	8.00	<b>8.00</b>	51,896 - 62,296	489,786
20000497	Irrigation Specialist	2.67	2.52	<b>2.19</b>	37,814 - 45,261	99,135
20000590	Laboratory Technician	9.00	9.00	<b>9.00</b>	40,622 - 49,067	436,086
90000589	Laborer - Hourly	6.00	2.94	<b>3.00</b>	29,182 - 34,757	87,548
20000579	Lake Aide 1	0.00	1.00	<b>1.00</b>	23,483 - 27,768	27,421
90000579	Lake Aide 1 - Hourly	16.00	7.84	<b>8.00</b>	23,483 - 27,768	187,866
20000564	Lake Aide 2	13.00	13.00	<b>13.00</b>	27,602 - 32,677	348,088
20000616	Lakes Program Manager	1.00	1.00	<b>1.00</b>	73,466 - 88,941	87,829
90001073	Management Intern - Hourly	2.65	5.44	<b>4.77</b>	24,274 - 29,203	115,787
20000622	Marine Mechanic	1.00	1.00	<b>1.00</b>	44,366 - 53,206	53,206
20000165	Multimedia Production Specialist	0.89	0.84	<b>0.73</b>	43,264 - 51,979	37,460
20000634	Organization Effectiveness Specialist 2	0.49	1.38	<b>1.47</b>	54,059 - 65,333	94,330
20000627	Organization Effectiveness Specialist 3	0.49	0.49	<b>0.49</b>	59,363 - 71,760	34,727

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000639	Organization Effectiveness Supervisor	0.49	0.49	<b>0.49</b>	66,768 - 80,891	39,131
20000680	Payroll Specialist 2	4.90	4.90	<b>4.90</b>	34,611 - 41,787	202,152
20000173	Payroll Supervisor	0.98	0.98	<b>0.98</b>	39,686 - 48,069	46,511
20000701	Plant Process Control Electrician	5.00	4.84	<b>4.00</b>	51,896 - 62,296	249,184
20000705	Plant Process Control Supervisor	0.98	0.98	<b>0.49</b>	56,410 - 68,224	27,636
20000703	Plant Process Control Supervisor	1.00	1.00	<b>1.00</b>	56,410 - 68,224	67,371
90000733	Power Plant Supervisor - Hourly	0.00	0.17	<b>0.00</b>	55,141 - 66,581	-
21000184	Prin Backflow & Cross Connection Specialist	0.00	0.00	<b>0.73</b>	50,003 - 60,549	43,327
20000740	Principal Drafting Aide	1.96	1.96	<b>2.47</b>	50,003 - 60,549	142,899
21000100	Principal Engineering Aide	0.00	0.84	<b>0.00</b>	50,003 - 60,549	-
20000743	Principal Engineering Aide	7.43	6.33	<b>6.32</b>	50,003 - 60,549	376,535
20000746	Principal Engineering Aide	1.00	1.00	<b>1.00</b>	50,003 - 60,549	59,792
20001222	Program Manager	4.00	4.44	<b>4.84</b>	46,966 - 172,744	526,586
20000760	Project Assistant	0.00	0.00	<b>0.21</b>	57,866 - 69,722	14,461
20000761	Project Officer 1	0.00	0.00	<b>0.42</b>	66,622 - 80,454	30,671
90000761	Project Officer 1 - Hourly	0.31	0.29	<b>0.25</b>	66,622 - 80,454	16,656
20000766	Project Officer 2	1.78	1.68	<b>1.46</b>	76,794 - 92,851	133,868
20000763	Project Officer 2	0.00	0.49	<b>0.44</b>	76,794 - 92,851	40,343
20000783	Public Information Clerk	2.20	2.20	<b>2.53</b>	31,491 - 37,918	94,726
20000784	Public Information Officer	0.89	0.00	<b>0.00</b>	43,514 - 52,707	-
20001150	Public Utilities Director	0.49	0.49	<b>0.49</b>	59,155 - 224,099	84,794
20000373	Ranger/Diver 1	3.00	3.00	<b>3.00</b>	42,494 - 51,272	144,113
90000373	Ranger/Diver 1 - Hourly	0.00	0.35	<b>0.35</b>	42,494 - 51,272	14,873
20000375	Ranger/Diver 2	2.00	2.00	<b>2.00</b>	46,634 - 56,347	102,277
20000376	Ranger/Diver Supervisor	1.00	1.00	<b>1.00</b>	53,726 - 64,958	64,146
20000560	Recycling Program Manager	0.49	0.49	<b>0.49</b>	76,731 - 92,893	-
20000559	Recycling Program Manager	0.49	0.84	<b>0.73</b>	76,731 - 92,893	66,951
20000840	Reservoir Keeper	8.00	8.00	<b>8.00</b>	40,019 - 47,819	376,086
20000850	Safety Officer	0.49	0.00	<b>0.00</b>	57,907 - 69,930	-
20000847	Safety Officer	0.98	0.98	<b>0.98</b>	57,907 - 69,930	67,664
20000854	Safety Representative 2	4.41	4.41	<b>4.74</b>	50,461 - 61,027	284,840
90000854	Safety Representative 2 - Hourly	0.48	0.00	<b>0.00</b>	50,461 - 61,027	-
20001042	Safety and Training Manager	0.98	1.47	<b>1.47</b>	66,768 - 80,891	111,008
20000869	Senior Account Clerk	0.80	0.80	<b>0.80</b>	36,067 - 43,514	34,366
21000183	Senior Backflow & Cross Connection Specialist	0.00	0.00	<b>10.38</b>	44,429 - 53,706	545,661
20000828	Senior Biologist	0.89	0.84	<b>1.23</b>	71,760 - 86,466	105,041
20000883	Senior Chemist	1.00	1.00	<b>1.25</b>	71,739 - 86,466	106,439
20000885	Senior Civil Engineer	6.09	6.46	<b>4.37</b>	76,794 - 92,851	395,428
90000885	Senior Civil Engineer - Hourly	0.00	0.29	<b>0.00</b>	76,794 - 92,851	-
20000927	Senior Clerk/Typist	1.38	0.49	<b>0.49</b>	36,067 - 43,514	21,059
21000185	Senior Corrosion Specialist	0.00	0.00	<b>1.00</b>	76,794 - 92,851	91,690

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000898	Senior Customer Services Representative	5.00	3.00	<b>3.00</b>	37,835 - 45,781	135,660
90000898	Senior Customer Services Representative - Hourly	0.00	0.17	<b>0.00</b>	37,835 - 45,781	-
20000312	Senior Department Human Resources Analyst	0.49	0.49	<b>0.49</b>	59,363 - 71,760	34,733
20000400	Senior Drafting Aide	3.43	3.83	<b>3.83</b>	44,429 - 53,706	202,610
20000906	Senior Electrical Engineer	0.00	1.00	<b>0.00</b>	76,794 - 92,851	-
20000900	Senior Engineering Aide	1.49	1.00	<b>0.50</b>	44,429 - 53,706	26,523
20000902	Senior Engineering Aide	7.45	7.20	<b>0.00</b>	44,429 - 53,706	-
20000015	Senior Management Analyst	9.35	10.33	<b>10.51</b>	59,363 - 71,760	724,010
90000015	Senior Management Analyst - Hourly	0.17	0.17	<b>0.00</b>	59,363 - 71,760	-
20000856	Senior Mechanical Engineer	0.49	0.00	<b>0.00</b>	76,794 - 92,851	-
20000918	Senior Planner	0.89	0.84	<b>0.94</b>	65,354 - 79,019	73,363
20000920	Senior Planner	0.89	2.52	<b>2.19</b>	65,354 - 79,019	162,768
20000708	Senior Plant Technician Supervisor	0.98	0.98	<b>0.49</b>	60,070 - 72,467	35,065
20000916	Senior Public Information Officer	0.98	1.82	<b>1.71</b>	54,059 - 65,333	77,789
21000178	Senior Water Distribution Operations Supervisor	0.00	0.00	<b>1.00</b>	77,293 - 93,517	89,001
21000150	Senior Water Operations Supervisor	0.00	1.00	<b>0.00</b>	77,293 - 93,517	-
20001060	Senior Water Operations Supervisor	3.00	3.00	<b>3.00</b>	77,293 - 93,517	274,239
20000914	Senior Water Utility Supervisor	1.38	0.00	<b>0.00</b>	47,216 - 57,138	-
20000950	Stock Clerk	1.00	0.00	<b>0.33</b>	30,056 - 36,275	11,822
20000955	Storekeeper 1	1.00	0.00	<b>0.33</b>	34,611 - 41,517	13,534
90000964	Student Engineer - Hourly	1.24	1.04	<b>0.00</b>	26,707 - 32,011	-
90001146	Student Intern - Hourly	0.00	0.49	<b>0.70</b>	18,616 - 22,318	13,032
90000967	Student Worker - Hourly	1.07	0.00	<b>0.00</b>	20,925 - 24,918	-
20000313	Supervising Department Human Resources Analyst	0.49	0.49	<b>0.49</b>	66,768 - 80,891	39,142
20000995	Supervising Economist	0.36	0.36	<b>0.36</b>	66,768 - 80,891	28,763
20000990	Supervising Field Representative	2.00	1.34	<b>1.23</b>	35,651 - 42,890	52,089
20000985	Supervising Management Analyst	0.89	0.84	<b>0.73</b>	66,768 - 80,891	58,317
20000970	Supervising Management Analyst	4.90	4.93	<b>4.71</b>	66,768 - 80,891	376,206
20000997	Supervising Meter Reader	2.00	2.00	<b>2.00</b>	37,253 - 44,720	88,315
90000997	Supervising Meter Reader - Hourly	0.00	0.17	<b>0.00</b>	37,253 - 44,720	-
20001021	Supervising Public Information Officer	2.39	2.34	<b>1.47</b>	59,363 - 71,760	104,153
21000177	Trainer	0.00	0.00	<b>3.44</b>	54,059 - 65,333	203,315
20001041	Training Supervisor	0.49	0.49	<b>0.49</b>	59,363 - 71,760	34,733
20001051	Utility Worker 1	8.00	0.00	<b>0.00</b>	30,534 - 36,296	-

# Public Utilities

## Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Adopted	Salary Range	Total
20000317	Water Distribution Operations Supervisor	1.00	1.00	1.00	54,766 - 65,374	64,557
20000316	Water Distribution Operator	6.00	6.00	6.00	47,632 - 56,867	333,839
20001059	Water Operations Supervisor	3.00	3.00	3.00	68,037 - 81,307	240,873
20001061	Water Plant Operator	24.00	24.00	24.00	59,134 - 70,699	1,637,385
20000932	Water Production Superintendent	2.00	2.00	2.00	81,578 - 98,675	187,145
20000006	Water Systems District Manager	3.00	3.00	3.00	62,504 - 75,130	219,555
20000003	Water Systems Technician 3	137.00	152.00	157.00	41,454 - 49,504	6,316,995
20000004	Water Systems Technician 4	54.00	54.00	54.00	47,632 - 56,867	2,820,588
20000005	Water Systems Technician Supervisor	17.00	17.00	17.00	54,766 - 65,374	1,081,727
20001065	Water Utility Worker	6.00	0.00	0.00	33,322 - 39,666	-
20001058	Welder	2.00	2.00	2.00	44,366 - 53,206	106,412
20000756	Word Processing Operator	18.06	16.00	15.38	31,491 - 37,918	457,807
	AWWA WDP Cert Pay					32,240
	Backflow Cert					6,240
	Bilingual - Regular					27,841
	Cross Connection Cert					8,320
	Emergency Medical Tech					22,839
	Exceptional Performance Pay-Classified					18,949
	Exceptional Performance Pay-Unclassified					1,832
	Geographic Info Cert Pay					7,217
	Night Shift Pay					13,168
	Overtime Budgeted					2,489,779
	Plant/Tank Vol Cert Pay					29,714
	Reg Pay For Engineers					258,374
	Split Shift Pay					90,598
	Termination Pay Annual Leave					124,624
	Vacation Pay In Lieu					165,000
	Welding Certification					7,280
<b>FTE, Salaries, and Wages Subtotal</b>		<b>718.86</b>	<b>708.43</b>	<b>703.08</b>		<b>\$ 39,633,086</b>

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013-2014 Change
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### Fringe Benefits

Employee Offset Savings	\$ 263,618	\$ 315,769	\$ 308,832	\$ (6,937)
Flexible Benefits	3,730,250	3,903,726	4,377,261	473,535
Long-Term Disability	204,994	212,704	196,160	(16,544)
Medicare	510,538	473,511	474,801	1,290
Other	(80)	-	-	-
Other Post-Employment Benefits	1,650,972	4,090,420	4,033,128	(57,292)
Retiree Health Contribution	2,716,021	-	-	-
Retiree Medical Trust	3,189	2,602	4,578	1,976
Retirement 401 Plan	11,541	10,445	18,109	7,664
Retirement ARC	12,501,268	12,292,849	14,837,821	2,544,972
Retirement DROP	103,968	93,575	113,189	19,614

## Public Utilities

	FY2012 Actual	FY2013 Budget	FY2014 Adopted	FY2013-2014 Change
Retirement Offset Contribution	84,352	85,748	-	(85,748)
Risk Management Administration	639,110	674,091	611,756	(62,335)
Supplemental Pension Savings Plan	2,028,629	1,984,400	1,960,033	(24,367)
Unemployment Insurance	111,374	108,650	104,013	(4,637)
Unused Sick Leave	(158)	-	-	-
Workers' Compensation	762,683	1,224,723	1,434,405	209,682
<b>Fringe Benefits Subtotal</b>	<b>\$ 25,322,268</b>	<b>\$ 25,473,213</b>	<b>\$ 28,474,086</b>	<b>\$ 3,000,873</b>
<b>Total Personnel Expenditures</b>			<b>\$ 68,107,172</b>	



# Public Utilities

## Revenue and Expense Statement (Non-General Fund)

Sewer Funds	FY2012 <sup>#</sup> Actual	FY2013 <sup>*</sup> Budget	FY2014 Adopted
<b>BEGINNING BALANCE AND RESERVES</b>			
Balance from Prior Year	\$ 56,005,213	\$ 120,529,612	\$ 171,467,150
Continuing Appropriations - CIP	260,584,469	214,492,888	149,033,723
Dedicated Reserve (DRES)	36,272,893	27,722,827	27,021,285
Capital Reserve	5,000,000	5,000,000	5,000,000
Operating Reserve/Contingency	33,925,808	35,335,444	43,723,781
Rate Stabilization Reserve	21,300,000	21,300,000	21,300,000
Employee Efficiency Incentive Reserve	5,991,030	5,991,030	5,418,562
<b>TOTAL BALANCE AND RESERVES</b>	<b>\$ 419,079,413</b>	<b>\$ 430,371,801</b>	<b>\$ 422,964,501</b>
<b>REVENUE</b>			
Bond Proceeds	\$ 17,519,420	\$ -	\$ -
Capacity Charges	9,289,896	6,500,000	9,000,000
Electrical Cogeneration	1,874,384	1,250,000	1,406,000
Grant Receipts	276,143	80,000	-
Interest Earnings	4,278,038	4,900,000	1,200,000
Land & Building Rentals	181,217	150,000	23,000
Other Revenue	1,227,139	310,000	328,844
Services Rendered to Others	7,355,187	10,272,578	8,795,000
Sewage Treatment Plant Services	67,937,450	65,000,000	65,000,000
Sewer Service Charges	297,066,839	288,388,000	289,709,000
State Revolving Fund Proceeds	11,619,289	33,450,000	33,694,000
<b>TOTAL REVENUE</b>	<b>\$ 418,625,002</b>	<b>\$ 410,300,578</b>	<b>\$ 409,155,844</b>
<b>TOTAL BALANCE, RESERVES, AND REVENUE</b>	<b>\$ 837,704,415</b>	<b>\$ 840,672,379</b>	<b>\$ 832,120,345</b>
<b>CAPITAL IMPROVEMENT PROGRAM (CIP) EXPENSE</b>			
CIP Expenditures	\$ 104,280,026	\$ 70,737,117	\$ 72,217,229
<b>TOTAL CIP EXPENSE</b>	<b>\$ 104,280,026</b>	<b>\$ 70,737,117</b>	<b>\$ 72,217,229</b>
<b>OPERATING EXPENSE</b>			
Debt Service	\$ 100,519,521	\$ 102,487,695	\$ 102,483,544
Department Expenditures	202,644,116	232,078,892	229,352,538
State Revolving Fund Loan Expense	6,031,138	10,166,590	7,533,412
<b>TOTAL OPERATING EXPENSE</b>	<b>\$ 309,194,775</b>	<b>\$ 344,733,177</b>	<b>\$ 339,369,494</b>
<b>EXPENDITURE OF PRIOR YEAR FUNDS</b>			
CIP Expenditure of Prior Year Funds	\$ -	\$ -	\$ 49,302,761
<b>TOTAL EXPENSE</b>	<b>\$ 413,474,801</b>	<b>\$ 415,470,294</b>	<b>\$ 460,889,484</b>
<b>RESERVES</b>			
Continuing Appropriations - CIP	\$ 212,412,636	\$ 170,559,970	\$ 126,752,247
Dedicated Reserve (DRES)	28,681,368	27,722,827	-
Employee Efficiency Incentive Reserve	5,418,562	5,991,030	5,418,562
Capital Reserve	5,000,000	5,000,000	5,000,000



# Public Utilities

## Revenue and Expense Statement (Non-General Fund)

Sewer Funds	FY2012 <sup>#</sup> Actual	FY2013 <sup>*</sup> Budget	FY2014 Adopted
Operating Reserve/Contingency	39,531,010	43,730,646	43,314,185
Rate Stabilization Reserve	21,300,000	21,300,000	21,300,000
<b>TOTAL RESERVES</b>	<b>\$ 312,343,576</b>	<b>\$ 274,304,473</b>	<b>\$ 201,784,994</b>
<b>BALANCE</b>	<b>\$ 111,886,038</b>	<b>\$ 150,897,612</b>	<b>\$ 169,445,867</b>
<b>TOTAL BALANCE, RESERVES, AND EXPENSE</b>	<b>\$ 837,704,415</b>	<b>\$ 840,672,379</b>	<b>\$ 832,120,345</b>

<sup>\*</sup> At the time of publication, audited financial statements for Fiscal Year 2013 were not available. Therefore, the Fiscal Year 2013 column reflects final budget amounts from the Fiscal Year 2013 Adopted Budget. As such, current fiscal year balances and reserves are estimates of carryover from the previous fiscal year.

<sup>#</sup> Fiscal Year 2012 Actual amounts based on Supplemental Schedules prepared by the Office of the City Comptroller.

# Public Utilities

## Revenue and Expense Statement (Non-General Fund)

Water Utility Operating Fund	FY2012 <sup>#</sup> Actual	FY2013 <sup>*</sup> Budget	FY2014 Adopted
<b>BEGINNING BALANCE AND RESERVES</b>			
Balance from Prior Year	\$(108,977,506)	\$ 52,063,243	\$ 42,271,042
Continuing Appropriations - CIP	251,211,644	145,757,464	147,903,119
DRES	13,972,678	36,392,908	26,885,011
Capital Reserve	5,000,000	5,000,000	5,000,000
Operating Reserve/Contingency	29,922,568	29,651,212	29,492,988
Rate Stabilization Reserve	20,500,000	35,300,000	38,500,000
Secondary Purchase Reserve	11,262,502	12,503,886	12,314,908
Employee Efficiency Incentive Reserve	1,820,045	7,995,544	1,949,387
<b>TOTAL BALANCE AND RESERVES</b>	<b>\$ 224,711,931</b>	<b>\$ 324,664,257</b>	<b>\$ 304,316,455</b>
<b>REVENUE</b>			
Capacity Charges	\$ 8,002,286	\$ 5,500,000	\$ 8,152,000
Financing Proceeds	68,294,249	38,500,000	–
Grants Receipts	41,134,284	1,217,000	644,000
Interest Earnings	2,586,668	2,200,000	1,000,000
Land and Building Rentals	6,217,486	4,334,000	5,809,000
New Water Service	661,756	550,000	300,000
Other Revenue	6,815,165	1,102,802	4,013,269
Reclaimed Water	4,819,201	3,650,000	7,150,000
Sale of Water	384,352,725	404,900,000	385,900,000
Service Charges	1,285,569	1,161,000	1,216,000
Services Rendered to Others	6,629,151	3,900,000	6,236,000
State Revolving Fund Loan Proceeds	38,000,000	–	7,187,000
<b>TOTAL REVENUE</b>	<b>\$ 568,798,540</b>	<b>\$ 467,014,802</b>	<b>\$ 427,607,269</b>
<b>TOTAL BALANCE, RESERVES, AND REVENUE</b>	<b>\$ 793,510,471</b>	<b>\$ 791,679,059</b>	<b>\$ 731,923,724</b>
<b>CAPITAL IMPROVEMENT PROGRAM (CIP) EXPENSE</b>			
CIP Expenditures	\$ 64,079,282	\$ 90,866,506	\$ 46,596,937
<b>TOTAL CIP EXPENSE</b>	<b>\$ 64,079,282</b>	<b>\$ 90,866,506</b>	<b>\$ 46,596,937</b>
<b>OPERATING EXPENSE</b>			
Debt Service	\$ 62,981,564	\$ 64,002,731	\$ 62,119,556
Department Expenditures	138,456,157	162,063,119	163,381,287
State Revolving Fund Loan Expense	2,402,976	5,609,866	4,715,109
Water Purchases (Commodity)	147,033,781	180,398,811	184,682,097
Water Purchases (Fixed Charges)	23,329,696	24,849,662	24,392,497
<b>TOTAL OPERATING EXPENSE</b>	<b>\$ 374,204,174</b>	<b>\$ 436,924,189</b>	<b>\$ 439,290,546</b>
<b>EXPENDITURE OF PRIOR YEAR FUNDS</b>			
CIP Expenditure of Prior Year Funds	\$ –	\$ –	\$ 41,757,881
<b>TOTAL EXPENSE</b>	<b>\$ 438,283,456</b>	<b>\$ 527,790,695</b>	<b>\$ 527,645,364</b>
<b>RESERVES</b>			

# Public Utilities

## Revenue and Expense Statement (Non-General Fund)

Water Utility Operating Fund	FY2012 <sup>#</sup> Actual	FY2013 <sup>*</sup> Budget	FY2014 Adopted
Continuing Appropriation - CIP	\$ 147,106,317	\$ 134,910,583	\$ 133,030,249
Dedicated Reserve (DRES)	21,392,908	36,392,908	–
Employee Efficiency Incentive Reserve	1,820,045	7,995,544	1,949,387
Capital Reserve	5,000,000	5,000,000	5,000,000
Operating Reserve/Contingency	29,556,542	29,496,823	30,662,165
Rate Stabilization Reserve	50,300,000	23,500,000	20,500,000
Secondary Purchase Reserve	12,503,886	12,826,971	12,544,476
<b>TOTAL RESERVES</b>	<b>\$ 267,679,698</b>	<b>\$ 250,122,829</b>	<b>\$ 203,686,277</b>
<b>BALANCE</b>	<b>\$ 87,547,317</b>	<b>\$ 13,765,535</b>	<b>\$ 592,083</b>
<b>TOTAL BALANCE, RESERVES, AND EXPENSE</b>	<b>\$ 793,510,471</b>	<b>\$ 791,679,059</b>	<b>\$ 731,923,724</b>

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