

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 the Water Purification Demonstration Project, a test project examining the use of water purification technology to provide safe, reliable water.

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, development review, 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 15 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 permits and monitors industrial businesses to minimize toxic discharges into the sewer system.

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 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 278,557 metered service connections, approximately 25,000 fire hydrants, and more than 47,000 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 its 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 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

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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, and 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:

- Develop a user-friendly SAP Enterprise Asset Management consultant-assisted solution
- Implement a programmatic 10-year CIP model
- Complete major milestones associated with five condition assessment contracts
- Complete a master plan for system-wide asbestos concrete pipeline replacement program
- Expand Partnership for Safe Water Program to Alvarado Water Treatment Plant (WTP) and continue the Program at Otay WTP, Miramar WTP, and the Potable Water Distribution System
- Develop a system-wide Emergency Response Plan
- Conduct system-wide (Water/Wastewater) operational optimization study

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:

- Develop a Department plan to improve stakeholder understanding and support
- Review field staff customer service strategy and training and implement effective programs

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- Develop and implement a collaborative partnering system for inter- and intra-divisional teams and pilot in high priority areas
- Enhance the customer survey program and feedback process
- Seek opportunities for additional service level optimization efforts
- Develop a retail water cost policy
- Complete the study to evaluate the applicability of a water budget-based billing methodology and proceed with budget-based tier rate analysis if approved by Mayor and Council
- Identify and document key risks affecting the Water and Wastewater system and the costs associated with them
- Develop and implement a plan to reduce "unaccounted for water" to less than or equal to the best management practice of 5% from the current 9%
- Review service fees to assess opportunities for improved 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:

- Explore local water supply diversification
- As directed by Mayor and City Council, pursue next steps associated with Indirect Potable Reuse/Reservoir Augmentation at San Vicente Reservoir
- Reduce energy commodity consumption and peak demand by 5% (from Fiscal Year 2013 to Fiscal Year 2015); increase renewable energy produced from PUD sites by 10%; and reduce the green house gas produced at the PLWTP site by 15%
- Develop and implement actions to ensure options are preserved for meeting the long-term regulatory requirements for wastewater discharges

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:

- Create a health and safety awareness plan that responds to injury trends
- Implement efficiency studies
- Design and pilot a formal program to document and retain institutional knowledge for preparedness in key function turnover
- Develop a Department-wide and division-specific communication plan
- Assess and prioritize the technical training gaps in Department classifications and develop plans and trainings to address them
- Perform follow-up on the Employee Opinion Survey (EOS) by addressing the high priority issues identified in the Fiscal Year 2012 EOS

Key Performance Indicators

Performance Measure	Actual FY2012	Estimated FY2013	Target FY2014
1. Average number of days to respond to and resolve customer-initiated service investigations	6.48	10.00	7.00
2. Miles of sewer mains replaced, repaired, and rehabilitated	70.4	54.6	45.0
3. Miles of water mains replaced ¹	28.3	20.0	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	38	38
6. Number of water main breaks	93	115	113
7. Number of acute sewer main defects identified	45	51	51
8. Average time to repair identified acute sewer main defects (days)	98	50	50
9. Average time to repair water main breaks (hours)	9.69	9.00	8.62
10. Average daily water production (millions of gallons)	172.4	175.2	175.6
11. Number of recycled water use site inspections and shutdown tests conducted	1,035	1,100	1,200
12. Water utility bond rating ²	AA-	AA-	AA-
13. Wastewater utility bond rating ²	A+	A+	A+

1. Reflects miles of water main awarded, consistent with the requirements under the DPH Compliance Order.

2. Reflects the rating from S&P which represents the lowest rating from all three rating agencies.

Service Efforts and Accomplishments

Asset Management

The Asset Management Program has begun developing a Statement of Work for the system implementer Request for Proposal for the SAP Enterprise Asset Management (EAM) solution. This SAP implementation will replace legacy maintenance management systems and provide the Department with a consolidated and integrated software tool to maximize the efficient management of our infrastructure through its full lifecycle. The Citywide Governance Committee for this project has been formed and project staffing is underway. The Program has also engaged consultant support to convert the legacy GIS system to the City standard, 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

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coordinated Department benchmarking efficiency studies, managed a Leadership Development Program, and administered an Employee Opinion Survey to all Public Utilities employees.

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 January 2013, the grant project has issued 328 rebates totaling \$284,000 for smart controllers and micro-irrigation systems, as well as the replacement of high water use turf areas with sustainable low water use landscapes. Annual water savings generated from this program in Fiscal Year 2012 was estimated to be more than 7.7 million gallons.

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 January 2013, the Water Conservation Section has rebated 203 rain barrels with an average size of 160 gallons for a total rebate amount of \$16,292.

Water Planning. The City of San Diego's Water Purification Demonstration Project has been completed and the Project Report will be presented to the City Council in Spring 2013. The Demonstration Project examined the use of advanced water purification technology on high quality recycled wastewater and will determine the feasibility of a full-scale reservoir augmentation project which would diversify San Diego's water supply, reduce its dependence on imported water and provide a safe source of drinking water for residents.

Demonstration Project tasks included a 12 month testing period of the Advanced Water Purification Facility (AWP Facility) and results revealed that the purified water quality is exceptional, approaching distilled water quality. Regulatory acceptance of the Demonstration Project was validated through a concept approval letter from the California Department of Public Health and a letter of concurrence from the San Diego Regional Water Quality Control Board. A 2012 public opinion poll indicated that public acceptance of purified water continues to remain on the upswing.

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 3,200 visitors have toured the AWP Facility. Major project milestones in Fiscal Year 2013 include the 2012 WaterReuse Association Small Project of the Year Award, the Best in Blue award recognition for excellence in communications, and two in-depth television interviews on local CBS and PBS affiliate stations. Next steps include a revised communication plan, the dissemination of report findings, and targeted community outreach.

Recycled Water Program. Recycled water meter connections reached 560 (556 retail and 4 wholesale) by December 2012, a gain of 28 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 more than \$2.6 million in financial savings toward imported water purchases in Fiscal Year 2012. During the first six months of Fiscal Year 2013, over \$1.7 million in incentives have been recorded. These financial incentives are the result of local water resource development agreements with the Metropolitan Water District of Southern California and the 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

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Wastewater Treatment Plant (Point Loma WTP). The Study included five alternatives through which 135 million 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.

Next steps in the Study include performing detailed studies of proposed reuse facility sites, determining an appropriate water-wastewater cost sharing framework, and performing reservoir modeling. Results from the concurrent Water Purification Demonstration Project are also critical to factor into future reuse plans.

Water Reliability. The Water Reliability Section plans to present the 2012 Long-Range Water Resources Plan (2012 Plan) to the City Council in Spring 2013. Work began on updating this plan from the previous 2002 Plan in April 2011 and the City 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.

Watershed Resources and Protection Team. The Watershed Resources and Protection Team is working jointly with Department and SANDAG personnel to develop two wetlands mitigation banks; one on 72 acres at Otay Reservoir and the other on 462 acres in San Pasqual Valley. SANDAG is funding all implementation costs, the City is contributing the land, and the two agencies will share the mitigation credits. The market value of the City's share of the mitigation credits is estimated to be \$50 million once the project is complete.

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 and continually monitors the budget to assist in identifying opportunities to achieve Department savings. The Section also developed Five-Year Operation and Maintenance projections in support of the 2013 Cost of Service Study.

Based on prior fully executed agreements with federal, State and local agencies, the Grants & Loans Section anticipates receiving low interest State Revolving Fund (SRF) Loan funding totaling approximately \$41 million and \$4 million in grant funding in Fiscal Year 2013. This year, the Section also obtained fully executed agreements to secure more SRF Loan funding as follows: \$20.5 million of the \$80 million Sewer Pipeline Rehabilitation project, \$12 million for Metropolitan Biosolids Center (MBC) Dewatering Centrifuge Replacement, \$7.2 million for MBC Storage Silos, \$6.8 million for MBC Odor Control Facility Upgrades, and \$5.2 million for MBC Chemical Systems Improvement Phase II. By actively pursuing low interest SRF Loans, the Public Utilities Department and ratepayers will recognize significant savings when compared to traditional 30 year bond funding.

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.

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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 Valve Maintenance Program" audit which was performed by the Office of the City Auditor. This section continues to track and monitor audit recommendations from this, as well as previous internal and external audits to ensure recommendations are implemented in a timely manner and satisfy the audit recommendations. 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.

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 thirteen 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 3,000 meters.

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 is recognition of 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

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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 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. The Division reviews 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 are issued, the associated water, sewer, and/or recycled water capacity charges are collected from the developers. In addition, as part of the condition of approval for the project, new water, sewer, and/or recycled infrastructure is constructed by the developer. Upon operational acceptance of the new infrastructure, the ownership is transferred to the City and the City begins its operation and maintenance responsibilities for the facility.

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 Penasquitos 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

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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 is in the process of updating 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 Fiscal Year 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 recently 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 will be 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 spring of 2013. The Miramar Energy project located at Metro Biosolids Center, owned by the firm of Fortistar, began production of 3.2 MW renewable energy and generates revenues for the City of approximately \$200,000 per year. A 6 kW 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 on February 13, 2013 with an effective date of April 4, 2013. It expires on April 3, 2018.

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, and is expected to recover 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

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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 air quality 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 Byproduct Monitoring was implemented 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 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 sewer discharges not originating from metered potable water connections. Cost of conveyance and treatment of these flows, such as seawater and extracted groundwater from remediation and construction projects, would otherwise be borne by sewer ratepayers. The Division recovered approximately \$2.1 million in Fiscal Year 2013. Additionally, the EMTS Division recovered approximately \$2.2 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. 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 36 SSOs in Fiscal Year 2012, a 10 percent reduction from the 40 SSOs that occurred in Fiscal Year 2011, and an 89 percent reduction from the level experienced in Fiscal Year 2001. This represents a ratio of 1.19 SSOs per 100 miles of sewer main, well below the industry standard of two SSOs per 100 miles of main.

The Division is projecting 38 SSOs in Fiscal Year 2013. While continued reduction in SSOs is a daunting objective when current SSO levels are at nearly half of the industry standard, the Division is determined that there are still efficiencies to be gained, both in cleaning techniques and in proactive attention to infrastructure defects that can help achieve this goal.

For Fiscal Year 2012, the Main Cleaning Section cleaned a total of 2,062 miles of sewer main, compared to 1,964 miles of sewer main cleaned in Fiscal Year 2011, which represents a five percent increase in productivity with the same staffing levels as in Fiscal Year 2011.

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The Division is on target to complete more than 2,200 miles of main cleaning in Fiscal Year 2013. Again, ongoing improvements in maintenance planning and cleaning techniques are expected to provide opportunities for continued performance improvement for the foreseeable future.

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 2012 was the Division's recognition as the regional Large Collection System of the Year by the California Water Environment Association. This award exemplifies 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, as well as outside agencies such as SDG&E and Air Pollution Control District, to develop a plan on the implementation 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 Proposed	FY2013–2014 Change
FTE Positions (Budgeted)	1,584.49	1,574.52	1,550.09	(24.43)
Personnel Expenditures	\$ 147,419,483	\$ 147,393,867	\$ 152,667,302	\$ 5,273,435
Non-Personnel Expenditures	536,195,100	635,969,691	619,810,028	(16,159,663)
Total Department Expenditures	\$ 683,614,582	\$ 783,363,558	\$ 772,477,330	\$ (10,886,228)
Total Department Revenue	\$ 949,300,256	\$ 878,305,199	\$ 847,007,000	\$ (31,298,199)

General Fund

Department Expenditures

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013–2014 Change
Water	\$ 1,264,629	\$ 1,706,193	\$ 1,969,446	\$ 263,253
Total	\$ 1,264,629	\$ 1,706,193	\$ 1,969,446	\$ 263,253

Significant Budget Adjustments

	FTE	Expenditures	Revenue
San Dieguito River Park JPA Addition of funding for the San Dieguito River Park Joint Powers Authority (JPA).	0.00	\$ 254,100	\$ -
Non-Discretionary Adjustment 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	-
Revised Revenue Adjustment to reflect Fiscal Year 2014 revenue projections.	0.00	-	(49,819)
Total	0.00	\$ 263,253	\$ (49,819)

Expenditures by Category

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

Revenues by Category

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

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Metropolitan Sewer Utility Fund

Department Expenditures

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013–2014 Change
Metropolitan Wastewater - Metro	\$ 93,177,820	\$ 104,814,616	\$ 87,712,008	\$ (17,102,608)
Public Utilities	94,695,604	111,518,361	116,789,159	5,270,798
Total	\$ 187,873,424	\$ 216,332,977	\$ 204,501,167	\$ (11,831,810)

Department Personnel

	FY2012 Budget	FY2013 Budget	FY2014 Proposed	FY2013–2014 Change
Metropolitan Wastewater - Metro	353.24	356.84	255.90	(100.94)
Public Utilities	90.74	94.05	191.11	97.06
Total	443.98	450.89	447.01	(3.88)

Significant Budget Adjustments

	FTE	Expenditures	Revenue
Repair and Maintenance Expenditures Addition of funding for one-time repair and maintenance expenditures at various wastewater facilities.	0.00	\$ 7,580,000	\$ -
Refunds to Participating Agencies Addition to reflect refunds to Participating Agencies that were overbilled.	0.00	1,922,185	-
Salary and Benefit Adjustments 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)	1,791,014	-
State Revolving Fund (SRF) Adjustment Addition of funding for SRF loan repayments and reserves.	0.00	836,387	-
Water Purification Demonstration Project Adjustment to reflect an increase in contract expenditures for the ongoing monitoring and evaluation of the Water Purification Demonstration Project.	0.00	687,320	-
Laboratory Supplies and Maintenance Addition of expenditures for laboratory supplies and facility maintenance.	0.00	627,922	-
Enterprise Asset Management (EAM) Project Addition of funding and support staff for the Public Utilities EAM Project.	0.50	444,308	-
Support for COMNET 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	192,015	-
Recycled Water Master Plan Adjustment reflects an increase in contractual expenditures for the 2015 Recycled Water Master Plan Update.	0.00	175,000	-

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Significant Budget Adjustments (Cont'd)

	FTE	Expenditures	Revenue
Supplemental COLA 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	-
Contractual Services Expenditures Adjustment to reflect an increase in expenditures for contractual services.	0.00	51,150	-
External Affairs Adjustment reflects an increase of non-personnel expenditures related to External Affairs.	0.00	10,560	-
Non-Standard Hour Personnel Funding Adjustment to expenditures according to a zero-based annual review of non-standard hour personnel funding requirements.	(0.11)	(33,036)	-
Public Utilities Development Plan Review Transfer Transfer of the development plan review function from the Public Utilities Department to the Development Services Department.	(1.54)	(212,252)	-
Equipment/Support for Information Technology Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements and priority analyses.	0.00	(433,354)	-
Public Utilities Restructure Reallocation among funds to more accurately reflect operational expenditures as well as an adjustment due to efficiencies realized.	(3.54)	(4,535,553)	-
Non-Discretionary Adjustment 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	(4,687,310)	-
One-Time Reductions and Annualizations 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)
Revised Revenue Adjustment to reflect Fiscal Year 2014 revenue projections.	0.00	-	13,863,000
Total	(3.88)	\$ (11,831,803)	\$ 13,529,008

Expenditures by Category

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
PERSONNEL				
Personnel Cost	\$ 27,753,498	\$ 27,909,909	\$ 27,546,855	\$ (363,054)
Fringe Benefits	18,600,155	17,133,786	19,083,471	1,949,685
PERSONNEL SUBTOTAL	\$ 46,353,652	\$ 45,043,695	\$ 46,630,326	\$ 1,586,631
NON-PERSONNEL				
Supplies	\$ 30,347,523	\$ 22,842,154	\$ 20,390,282	\$ (2,451,872)
Contracts	28,282,502	54,264,928	49,271,214	(4,993,714)
Information Technology	7,104,351	7,563,241	6,698,956	(864,285)

Public Utilities

Expenditures by Category (Cont'd)

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
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
NON-PERSONNEL SUBTOTAL	\$ 141,519,772	\$ 171,289,282	\$ 157,870,841	\$ (13,418,441)
Total	\$ 187,873,424	\$ 216,332,977	\$ 204,501,167	\$ (11,831,810)

Revenues by Category

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
Charges for Services	\$ 72,239,652	\$ 68,420,000	\$ 69,216,000	\$ 796,000
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
Total	\$ 82,242,873	\$ 78,633,992	\$ 92,163,000	\$ 13,529,008

Personnel Expenditures

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
FTE, Salaries, and Wages						
20000011	Account Clerk	4.13	4.51	4.51	\$31,491 - \$37,918	\$ 164,678
20000007	Accountant 3	0.38	0.57	0.57	59,363 - 71,760	26,582
20000102	Accountant 4	0.38	0.38	0.38	66,768 - 88,982	32,805
20000012	Administrative Aide 1	0.38	0.38	0.49	36,962 - 44,533	16,513
20000024	Administrative Aide 2	5.71	6.28	5.85	42,578 - 51,334	291,429
20000057	Assistant Chemist	28.00	27.00	26.00	53,789 - 65,333	1,646,289
90000057	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	8.86	57,866 - 69,722	536,479
20000087	Assistant Engineer-Mechanical	0.33	0.33	0.61	57,866 - 69,722	41,470
20000080	Assistant Laboratory Technician	1.00	1.00	1.00	33,696 - 40,602	39,587
20000041	Assistant Management Analyst	0.00	0.33	0.33	44,470 - 54,059	17,400
20001228	Assistant Metropolitan Wastewater Director	0.33	0.33	0.33	31,741 - 173,971	44,807
90001228	Assistant Metropolitan Wastewater Director - Hourly	0.12	0.00	0.00	31,741 - 173,971	-
20000114	Assistant Wastewater Plant Operator	1.00	0.00	0.00	45,240 - 53,830	-
20000140	Associate Chemist	8.00	8.00	7.25	62,005 - 75,067	518,122
90000140	Associate Chemist - Hourly	0.00	1.05	0.00	62,005 - 75,067	-

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
20000311	Associate Department Human Resources Analyst	1.65	1.65	1.65	54,059 - 65,333	97,114
20000143	Associate Engineer-Civil	8.80	10.21	9.44	66,622 - 80,454	718,614
20000145	Associate Engineer-Civil	1.09	1.09	0.90	66,622 - 80,454	70,609
90000143	Associate Engineer-Civil - Hourly	0.00	0.50	0.35	66,622 - 80,454	23,318
20000150	Associate Engineer-Electrical	2.33	2.33	2.61	66,622 - 80,454	204,742
20000154	Associate Engineer-Mechanical	0.45	0.45	0.61	66,622 - 80,454	47,857
20000134	Associate Management Analyst	0.38	0.38	0.38	54,059 - 65,333	24,206
20000132	Associate Management Analyst	0.00	0.00	0.25	54,059 - 65,333	13,515
20000119	Associate Management Analyst	11.45	11.68	11.76	54,059 - 65,333	733,963
20000137	Associate Management Analyst	1.98	1.98	0.00	54,059 - 65,333	-
20000162	Associate Planner	0.11	0.32	0.66	56,722 - 68,536	44,115
20000655	Biologist 2	6.00	6.00	6.00	53,726 - 65,333	382,200
20000648	Biologist 3	1.00	1.00	1.00	62,005 - 75,067	73,190
20000649	Biologist 3	0.00	0.00	0.24	62,005 - 75,067	-
20000195	Boat Operator	1.00	1.00	1.00	43,493 - 51,896	51,896
20000205	Building Service Supervisor	1.00	2.00	1.34	45,718 - 55,286	66,145
20000224	Building Service Technician	2.00	2.00	2.00	33,322 - 39,666	72,988
20000539	Clerical Assistant 2	9.84	9.46	8.96	29,931 - 36,067	292,648
20001168	Deputy Director	3.09	3.14	2.60	46,966 - 172,744	299,457
90001168	Deputy Director - Hourly	0.14	0.46	0.35	46,966 - 172,744	38,449
20000924	Executive Secretary	0.33	0.33	0.33	43,555 - 52,666	16,945
20000461	Field Representative	0.11	0.48	0.81	32,323 - 38,917	30,708
20000184	Fleet Parts Buyer	1.00	1.00	1.00	44,637 - 54,059	-
90000819	Golf Course Manager - Hourly	0.00	0.06	0.09	59,488 - 71,760	5,354
20000501	Heavy Truck Driver 2	3.00	3.00	3.00	37,565 - 45,302	135,906
20000178	Information Systems Administrator	0.34	0.34	0.34	73,466 - 88,982	28,441
20000290	Information Systems Analyst 2	3.06	3.40	3.06	54,059 - 65,333	193,299
20000293	Information Systems Analyst 3	2.38	2.38	2.38	59,363 - 71,760	162,156
20000999	Information Systems Analyst 4	1.00	1.00	1.00	66,768 - 80,891	78,464
20000998	Information Systems Analyst 4	1.70	1.70	1.36	66,768 - 80,891	106,700
20000514	Instrumentation and Control Supervisor	1.00	1.00	1.00	56,410 - 68,224	56,410
20000515	Instrumentation and Control Technician	7.00	6.00	6.00	51,896 - 62,296	363,376
20000497	Irrigation Specialist	0.33	0.48	0.81	37,814 - 45,261	36,648
20000551	Junior Engineer-Civil	0.00	0.00	-0.25	50,003 - 60,549	-
20000590	Laboratory Technician	16.00	17.00	17.00	40,622 - 49,067	661,657
20000618	Machinist	5.00	5.00	4.00	46,134 - 55,266	221,064
20001073	Management Intern	0.00	0.00	0.48	24,274 - 29,203	11,652
90001073	Management Intern - Hourly	2.86	3.17	3.37	24,274 - 29,203	81,805
20000625	Marine Biologist 2	0.00	0.00	1.00	53,726 - 65,333	52,272
20000624	Marine Biologist 2	18.00	18.00	17.00	53,726 - 65,333	1,002,421

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
20000626	Marine Biologist 3	5.00	5.00	5.00	62,005 - 75,067	365,950
20000165	Multimedia Production Specialist	0.11	0.16	0.27	43,264 - 51,979	13,678
20000634	Organization Effectiveness Specialist 2	0.33	1.04	0.99	54,059 - 65,333	61,729
20000627	Organization Effectiveness Specialist 3	0.33	0.33	0.33	59,363 - 71,760	22,966
20000639	Organization Effectiveness Supervisor	0.33	0.33	0.33	66,768 - 80,891	25,090
20000667	Painter	3.00	3.00	3.00	41,600 - 49,962	99,924
20000680	Payroll Specialist 2	3.30	3.30	3.30	34,611 - 41,787	134,424
20000173	Payroll Supervisor	0.66	0.66	0.66	39,686 - 48,069	30,932
20000701	Plant Process Control Electrician	17.00	17.16	17.00	51,896 - 62,296	1,018,365
20000705	Plant Process Control Supervisor	7.66	7.66	7.33	56,410 - 68,224	351,202
20000703	Plant Process Control Supervisor	3.00	3.00	3.00	56,410 - 68,224	199,554
20000687	Plant Technician 1	20.00	20.00	20.00	37,814 - 45,261	858,406
20000688	Plant Technician 2	24.00	24.00	24.00	41,454 - 49,504	1,180,046
20000689	Plant Technician 3	12.00	12.00	13.00	45,490 - 54,434	680,044
20000706	Plant Technician Supervisor	7.00	7.00	7.00	52,666 - 62,837	428,862
20000732	Power Plant Operator	2.00	2.00	4.00	49,712 - 59,342	208,478
20000733	Power Plant Supervisor	3.00	3.00	2.00	55,141 - 66,581	127,835
90000733	Power Plant Supervisor - Hourly	0.00	0.11	0.35	55,141 - 66,581	19,299
21000184	Prin Backflow & Cross Connection Specialist	0.00	0.00	0.27	50,003 - 60,549	15,829
20000740	Principal Drafting Aide	1.32	1.32	0.99	50,003 - 60,549	55,453
21000100	Principal Engineering Aide	0.00	0.16	0.00	50,003 - 60,549	-
20000743	Principal Engineering Aide	2.66	2.40	1.99	50,003 - 60,549	117,035
20000707	Principal Plant Technician Supervisor	2.00	2.00	2.00	63,024 - 76,045	148,288
20001222	Program Manager	1.65	2.02	3.14	46,966 - 172,744	339,438
20000760	Project Assistant	0.00	0.00	0.12	57,866 - 69,722	8,159
20000761	Project Officer 1	0.00	0.00	0.24	66,622 - 80,454	17,411
90000761	Project Officer 1 - Hourly	0.04	0.06	0.09	66,622 - 80,454	5,996
20000766	Project Officer 2	0.22	0.32	0.54	76,794 - 92,851	48,882
20000763	Project Officer 2	0.00	0.33	0.73	76,794 - 92,851	66,101
20000783	Public Information Clerk	1.14	1.14	1.03	31,491 - 37,918	38,084
20000784	Public Information Officer	0.11	0.00	0.00	43,514 - 52,707	-
20001150	Public Utilities Director	0.33	0.33	0.33	59,155 - 224,099	56,099
20000319	Pump Station Operator	10.00	10.00	10.00	43,493 - 51,917	464,833
20000320	Pump Station Operator Supervisor	1.00	1.00	1.00	47,674 - 56,888	55,466
20000560	Recycling Program Manager	0.33	0.33	0.33	76,731 - 92,893	-
20000559	Recycling Program Manager	0.33	0.16	0.27	76,731 - 92,893	24,336
20000850	Safety Officer	0.33	0.00	0.00	57,907 - 69,930	-
20000847	Safety Officer	0.66	0.66	0.66	57,907 - 69,930	45,006

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
20000854	Safety Representative 2	3.97	3.97	3.31	50,461 - 61,027	196,307
90000854	Safety Representative 2 - Hourly	0.12	0.00	0.00	50,461 - 61,027	-
20001042	Safety and Training Manager	0.66	0.99	0.99	66,768 - 80,891	74,102
20000869	Senior Account Clerk	0.76	0.76	0.76	36,067 - 43,514	32,238
21000183	Senior Backflow & Cross Connection Specialist	0.00	0.00	1.62	44,429 - 53,706	83,999
20000828	Senior Biologist	1.11	1.16	0.77	71,760 - 86,466	64,912
20000196	Senior Boat Operator	1.00	1.00	1.00	47,840 - 57,117	57,117
90000222	Senior Building Maintenance Supervisor - Hourly	0.00	0.25	0.00	76,918 - 93,018	-
20000883	Senior Chemist	2.00	2.00	1.45	71,739 - 86,466	122,238
20000885	Senior Civil Engineer	3.64	2.98	3.35	76,794 - 92,851	302,276
90000885	Senior Civil Engineer - Hourly	0.00	0.41	0.35	76,794 - 92,851	26,878
20000927	Senior Clerk/Typist	1.44	1.33	1.33	36,067 - 43,514	56,431
20000312	Senior Department Human Resources Analyst	0.33	0.33	0.33	59,363 - 71,760	22,966
20000400	Senior Drafting Aide	4.31	3.69	3.69	44,429 - 53,706	192,847
20000906	Senior Electrical Engineer	1.00	0.00	0.00	76,794 - 92,851	-
20000905	Senior Electrical Engineer	1.00	1.00	1.00	76,794 - 92,851	-
20000900	Senior Engineering Aide	0.33	0.00	0.00	44,429 - 53,706	-
20000902	Senior Engineering Aide	1.05	0.80	0.00	44,429 - 53,706	-
20000015	Senior Management Analyst	5.14	5.23	4.92	59,363 - 71,760	337,169
90000015	Senior Management Analyst - Hourly	0.12	0.11	0.00	59,363 - 71,760	-
20000880	Senior Marine Biologist	1.00	1.00	1.00	71,760 - 86,466	84,304
20000856	Senior Mechanical Engineer	0.33	0.00	0.00	76,794 - 92,851	-
20000918	Senior Planner	0.11	0.16	0.39	65,354 - 79,019	30,038
20000920	Senior Planner	0.11	0.48	0.81	65,354 - 79,019	59,380
20000708	Senior Plant Technician Supervisor	8.66	8.66	7.33	60,070 - 72,467	517,901
20000968	Senior Power Plant Supervisor	1.00	1.00	0.00	63,357 - 76,440	-
90000968	Senior Power Plant Supervisor - Hourly	0.00	0.00	0.35	63,357 - 76,440	22,175
20000916	Senior Public Information Officer	0.66	0.82	0.93	54,059 - 65,333	37,866
20000938	Senior Wastewater Operations Supervisor	6.00	6.00	6.00	70,699 - 85,530	497,786
20000055	Senior Wastewater Plant Operator	1.00	1.00	1.00	56,534 - 67,621	67,621
20000914	Senior Water Utility Supervisor	0.44	0.00	0.00	47,216 - 57,138	-
20000950	Stock Clerk	5.00	6.00	5.34	30,056 - 36,275	183,553
20000955	Storekeeper 1	5.00	6.00	3.34	34,611 - 41,517	135,198
20000956	Storekeeper 2	0.00	0.00	2.00	37,835 - 45,718	89,150
20000954	Storekeeper 3	1.00	1.00	1.00	39,811 - 47,882	46,685
90000964	Student Engineer - Hourly	0.14	0.32	0.00	26,707 - 32,011	-
90001146	Student Intern - Hourly	0.00	0.00	0.26	18,616 - 22,318	4,840

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
90000967	Student Worker - Hourly	0.12	0.00	0.00	20,925 - 24,918	-
20000313	Supervising Department Human Resources Analyst	0.33	0.33	0.33	66,768 - 80,891	25,894
20000995	Supervising Economist	0.41	0.41	0.41	66,768 - 80,891	32,170
20000990	Supervising Field Representative	0.00	0.16	0.27	35,651 - 42,890	11,291
20000985	Supervising Management Analyst	0.11	0.16	0.27	66,768 - 80,891	21,180
20000970	Supervising Management Analyst	3.34	3.33	3.69	66,768 - 80,891	289,556
20001021	Supervising Public Information Officer	0.11	0.16	0.99	59,363 - 71,760	69,258
21000177	Trainer	0.00	0.00	1.98	54,059 - 65,333	114,189
20001041	Training Supervisor	0.33	0.33	0.33	59,363 - 71,760	23,078
20000937	Wastewater Operations Supervisor	24.00	24.00	24.00	64,667 - 77,293	1,789,869
20000941	Wastewater Plant Operator	39.00	40.00	40.00	53,830 - 64,397	1,903,768
20000931	Wastewater Treatment Superintendent	4.00	4.00	4.00	81,578 - 98,675	384,832
20001058	Welder	2.00	2.00	2.00	44,366 - 53,206	106,412
20000756	Word Processing Operator	4.86	5.42	6.10	31,491 - 37,918	227,632
	Bilingual - Regular					3,832
	Exceptional Performance Pay-Classified					927
	Exceptional Performance Pay-Unclassified					1,045
	Geographic Info Cert Pay					2,827
	Night Shift Pay					74,188
	Overtime Budgeted					1,383,667
	Plant/Tank Vol Cert Pay					107,112
	Reg Pay For Engineers					167,703
	Split Shift Pay					30,391
	Termination Pay Annual Leave					163,988
	Welding Certification					3,640
FTE, Salaries, and Wages Subtotal		443.98	450.89	447.02		\$ 27,546,855

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
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Fringe Benefits

Employee Offset Savings	\$ 173,194	\$ 228,155	\$ 224,251	\$ (3,904)
Flexible Benefits	2,411,801	2,530,968	2,508,047	(22,921)
Long-Term Disability	146,549	151,730	141,009	(10,721)
Medicare	373,394	341,655	342,807	1,152
Other Post-Employment Benefits	1,056,328	2,678,234	2,639,660	(38,574)
Retiree Health Contribution	3,429,138	-	-	-
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	10,063,898	1,713,054
Retirement DROP	112,726	102,122	118,478	16,356
Retirement Offset Contribution	59,100	66,982	65,121	(1,861)
Risk Management Administration	419,931	441,613	441,697	84
Supplemental Pension Savings Plan	1,472,850	1,443,411	1,428,037	(15,374)

Public Utilities

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013–2014 Change
Unemployment Insurance	78,459	77,134	75,768	(1,366)
Unused Sick Leave	(67)	-	-	-
Workers' Compensation	412,124	707,546	1,015,585	308,039
Fringe Benefits Subtotal	\$ 18,600,155	\$ 17,133,786	\$ 19,083,471	\$ 1,949,685
Total Personnel Expenditures			\$ 46,630,326	

Municipal Sewer Revenue Fund

Department Expenditures

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013–2014 Change
Metropolitan Wastewater - Muni	\$ 51,080,776	\$ 52,460,406	\$ 49,046,136	\$ (3,414,270)
Public Utilities	71,680,527	75,939,794	82,679,800	6,740,006
Total	\$ 122,761,303	\$ 128,400,200	\$ 131,725,936	\$ 3,325,736

Department Personnel

	FY2012 Budget	FY2013 Budget	FY2014 Proposed	FY2013–2014 Change
Metropolitan Wastewater - Muni	297.00	285.00	242.00	(43.00)
Public Utilities	124.64	130.19	165.08	34.89
Total	421.64	415.19	407.08	(8.11)

Significant Budget Adjustments

	FTE	Expenditures	Revenue
Non-Discretionary Adjustment 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	\$ 2,385,744	\$ -
State Revolving Fund (SRF) Adjustment Addition of funding for SRF loan repayments and reserves.	0.00	2,169,684	-
Salary and Benefit Adjustments 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)	1,764,737	-
Enterprise Asset Management (EAM) Project Addition of funding and support staff for the Public Utilities EAM Project.	0.72	639,802	-
Repair and Maintenance Expenditures Addition of funding for one-time repair and maintenance expenditures at various wastewater facilities.	0.00	400,000	-
Laboratory Supplies and Maintenance Addition of expenditures for laboratory supplies and facility maintenance.	0.00	209,922	-

Public Utilities

Significant Budget Adjustments (Cont'd)

	FTE	Expenditures	Revenue
Support for Distribution and Collection Addition of 1.00 Program Manager to support the newly established Distribution and Collection branch.	0.50	96,007	-
Supplemental COLA 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	-
Water Billing Study Addition of funding for contractual services expenditures to complete the Water Budget-Based Billing study.	0.00	32,500	-
Contractual Services Expenditures Adjustment to reflect an increase in expenditures for contractual services.	0.00	27,895	-
External Affairs Adjustment reflects an increase of non-personnel expenditures related to External Affairs.	0.00	5,760	-
Credit Rating Services Addition of expenditures for credit rating services which were previously paid by the City Treasurer Department.	0.00	1,800	-
Inter-Agency Agreements Adjustment in funding for annual payments for the Hale Avenue Treatment Facility and Municipal Transportation Agreements.	0.00	(97,500)	-
Non-Standard Hour Personnel Funding Adjustment to expenditures according to a zero-based annual review of non-standard hour personnel funding requirements.	(3.42)	(137,777)	-
Equipment/Support for Information Technology Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements and priority analyses.	0.00	(295,083)	-
Public Utilities Development Plan Review Transfer Transfer of the development plan review function from the Public Utilities Department to the Development Services Department.	(3.42)	(350,736)	-
Public Utilities Restructure Reallocation among funds to more accurately reflect operational expenditures as well as an adjustment due to efficiencies realized.	(2.38)	(525,296)	-
One-Time Reductions and Annualizations 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)
Revised Revenue Adjustment to reflect Fiscal Year 2014 revenue projections.	0.00	-	(14,687,000)
Total	(8.11)	\$ 3,325,732	\$ (14,692,586)

Public Utilities

Expenditures by Category

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
PERSONNEL				
Personnel Cost	\$ 21,970,192	\$ 23,018,458	\$ 22,789,109	\$ (229,349)
Fringe Benefits	14,487,963	14,532,349	16,145,410	1,613,062
PERSONNEL SUBTOTAL	\$ 36,458,155	\$ 37,550,807	\$ 38,934,519	\$ 1,383,712
NON-PERSONNEL				
Supplies	\$ 3,991,816	\$ 4,372,934	\$ 4,678,035	\$ 305,101
Contracts	26,037,613	31,138,734	31,552,559	413,825
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
NON-PERSONNEL SUBTOTAL	\$ 86,303,147	\$ 90,849,393	\$ 92,791,417	\$ 1,942,024
Total	\$ 122,761,303	\$ 128,400,200	\$ 131,725,936	\$ 3,325,736

Revenues by Category

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
Charges for Services	\$ 309,105,171	\$ 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	5,416,634	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)
Total	\$ 329,548,873	\$ 331,666,586	\$ 316,974,000	\$ (14,692,586)

Personnel Expenditures

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
FTE, Salaries, and Wages						
20000011	Account Clerk	2.38	2.60	2.60	\$31,491 - \$37,918	\$ 94,944
20000007	Accountant 3	0.22	0.33	0.83	59,363 - 71,760	45,084
20000102	Accountant 4	0.22	0.22	0.22	66,768 - 88,982	18,984
20000012	Administrative Aide 1	1.22	1.22	1.22	36,962 - 44,533	52,511
20000024	Administrative Aide 2	5.91	4.07	4.40	42,578 - 51,334	217,710
20000057	Assistant Chemist	10.00	10.00	10.00	53,789 - 65,333	573,300
20001140	Assistant Department Director	0.18	0.18	0.18	31,741 - 173,971	18,516
90001202	Assistant Deputy Director - Hourly	1.00	0.00	0.00	23,005 - 137,904	-
20000070	Assistant Engineer-Civil	11.57	10.25	10.14	57,866 - 69,722	650,247
20000087	Assistant Engineer-Mechanical	0.18	0.18	0.16	57,866 - 69,722	10,883
20000080	Assistant Laboratory Technician	1.00	1.00	1.00	33,696 - 40,602	39,587
20000041	Assistant Management Analyst	0.00	0.18	0.18	44,470 - 54,059	9,493
20001228	Assistant Metropolitan Wastewater Director	0.18	0.18	0.18	31,741 - 173,971	24,454
90001228	Assistant Metropolitan Wastewater Director - Hourly	0.06	0.00	0.00	31,741 - 173,971	-

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
20000140	Associate Chemist	4.00	4.00	4.50	62,005 - 75,067	329,325
20000311	Associate Department Human Resources Analyst	0.90	0.90	0.90	54,059 - 65,333	52,980
20000145	Associate Engineer-Civil	0.62	0.62	0.51	66,622 - 80,454	40,009
20000143	Associate Engineer-Civil	9.08	8.26	8.37	66,622 - 80,454	653,876
90000143	Associate Engineer-Civil - Hourly	0.00	0.06	0.00	66,622 - 80,454	-
20000150	Associate Engineer-Electrical	0.18	0.18	0.16	66,622 - 80,454	12,551
20000154	Associate Engineer-Mechanical	0.25	0.25	0.16	66,622 - 80,454	12,551
20000119	Associate Management Analyst	7.10	6.54	6.73	54,059 - 65,333	422,351
20000137	Associate Management Analyst	1.08	1.58	0.00	54,059 - 65,333	-
20000134	Associate Management Analyst	0.22	0.22	0.22	54,059 - 65,333	14,017
20000132	Associate Management Analyst	0.00	0.00	0.36	54,059 - 65,333	19,461
90000119	Associate Management Analyst - Hourly	0.70	0.00	0.00	54,059 - 65,333	-
20000162	Associate Planner	1.00	1.00	0.67	56,722 - 68,536	44,765
20000649	Biologist 3	2.00	2.00	1.34	62,005 - 75,067	-
20000205	Building Service Supervisor	0.00	0.00	0.33	45,718 - 55,286	15,875
20000266	Cashier	2.50	2.50	2.50	31,491 - 37,918	86,954
20000236	Cement Finisher	1.00	1.00	1.00	43,451 - 52,083	52,083
90000836	Claims and Insurance Manager - Hourly	0.17	0.00	0.00	73,445 - 88,837	-
20000539	Clerical Assistant 2	3.56	3.34	3.06	29,931 - 36,067	107,037
20000306	Code Compliance Officer	1.50	1.50	0.50	37,232 - 44,803	18,610
20000307	Code Compliance Supervisor	0.50	0.50	0.00	42,890 - 51,334	-
20000829	Compliance and Metering Manager	0.50	1.00	1.00	73,445 - 88,837	86,173
20000801	Customer Information and Billing Manager	0.50	0.50	0.50	73,445 - 88,837	43,081
90000801	Customer Information and Billing Manager - Hourly	0.00	0.17	0.00	73,445 - 88,837	-
20000369	Customer Services Representative	17.50	17.50	16.75	32,968 - 39,811	631,035
90000369	Customer Services Representative - Hourly	0.00	4.00	2.50	32,968 - 39,811	82,420
20000366	Customer Services Supervisor	2.00	2.00	2.00	57,782 - 69,784	136,065
20001168	Deputy Director	2.04	2.04	2.37	46,966 - 172,744	274,351
90001168	Deputy Director - Hourly	1.17	0.23	0.00	46,966 - 172,744	-
20000414	Engineering Trainee	0.00	0.00	0.50	32,011 - 38,605	-
20000426	Equipment Operator 1	1.00	0.00	0.00	37,690 - 45,115	-
20000428	Equipment Operator 1	1.00	1.00	1.00	37,690 - 45,115	45,115
20000429	Equipment Operator 1	29.00	30.00	30.00	37,690 - 45,115	1,352,354
20000430	Equipment Operator 2	12.00	12.00	12.00	41,350 - 49,462	569,208
20000436	Equipment Operator 3	2.00	2.00	2.00	43,160 - 51,667	103,334
20000418	Equipment Technician 1	13.00	11.00	11.00	36,005 - 43,139	474,529
20000423	Equipment Technician 2	11.00	10.00	10.00	39,499 - 47,091	423,819

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
20000431	Equipment Technician 3	1.00	1.00	1.00	43,368 - 51,813	51,813
20000924	Executive Secretary	0.18	0.18	0.18	43,555 - 52,666	9,241
20000461	Field Representative	16.50	15.50	14.50	32,323 - 38,917	546,943
90000461	Field Representative - Hourly	0.00	3.25	3.25	32,323 - 38,917	105,051
20000483	General Water Utility Supervisor	4.00	4.00	4.00	59,342 - 71,760	276,589
20000502	Heavy Truck Driver 1	2.00	2.00	2.00	36,234 - 43,160	86,320
20000178	Information Systems Administrator	0.19	0.19	0.19	73,466 - 88,982	15,889
20000290	Information Systems Analyst 2	2.21	2.40	2.71	54,059 - 65,333	170,342
20000293	Information Systems Analyst 3	1.33	1.33	1.33	59,363 - 71,760	90,618
20000998	Information Systems Analyst 4	0.95	0.95	0.76	66,768 - 80,891	59,660
20000515	Instrumentation and Control Technician	2.00	2.00	2.00	51,896 - 62,296	124,592
20000551	Junior Engineer-Civil	0.00	0.00	0.09	50,003 - 60,549	-
20000590	Laboratory Technician	9.00	9.00	9.00	40,622 - 49,067	362,606
90001073	Management Intern - Hourly	0.06	1.18	0.27	24,274 - 29,203	6,555
20000634	Organization Effectiveness Specialist 2	0.18	0.58	0.54	54,059 - 65,333	33,660
20000627	Organization Effectiveness Specialist 3	0.18	0.18	0.18	59,363 - 71,760	12,528
20000639	Organization Effectiveness Supervisor	0.18	0.18	0.18	66,768 - 80,891	13,691
20000680	Payroll Specialist 2	1.80	1.80	1.80	34,611 - 41,787	73,395
20000173	Payroll Supervisor	0.36	0.36	0.36	39,686 - 48,069	16,872
20000701	Plant Process Control Electrician	12.00	10.00	10.00	51,896 - 62,296	622,960
20000703	Plant Process Control Supervisor	1.00	1.00	1.00	56,410 - 68,224	66,518
20000705	Plant Process Control Supervisor	7.36	5.36	5.18	56,410 - 68,224	332,645
20000687	Plant Technician 1	2.00	2.00	2.00	37,814 - 45,261	90,522
20000688	Plant Technician 2	2.00	2.00	2.00	41,454 - 49,504	99,008
20000689	Plant Technician 3	1.00	1.00	1.00	45,490 - 54,434	54,434
20000706	Plant Technician Supervisor	1.00	1.00	1.00	52,666 - 62,837	52,666
90000733	Power Plant Supervisor - Hourly	0.00	0.06	0.00	55,141 - 66,581	-
20000740	Principal Drafting Aide	0.72	0.72	0.54	50,003 - 60,549	30,254
20000743	Principal Engineering Aide	8.91	9.27	9.69	50,003 - 60,549	512,167
20000750	Principal Water Utility Supervisor	2.00	2.00	2.00	52,000 - 62,837	113,266
20001222	Program Manager	1.85	2.03	2.53	46,966 - 172,744	276,404
20000760	Project Assistant	1.00	1.00	0.67	57,866 - 69,722	45,551
20000761	Project Officer 1	2.00	2.00	1.34	66,622 - 80,454	97,186
20000763	Project Officer 2	1.00	1.18	0.83	76,794 - 92,851	75,155
20000783	Public Information Clerk	0.66	0.66	0.44	31,491 - 37,918	16,272
20001150	Public Utilities Director	0.18	0.18	0.18	59,155 - 224,099	30,610
20000319	Pump Station Operator	5.00	5.00	5.00	43,493 - 51,917	259,585
20000320	Pump Station Operator Supervisor	1.00	1.00	1.00	47,674 - 56,888	55,466

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
20000559	Recycling Program Manager	0.18	0.00	0.00	76,731 - 92,893	-
20000560	Recycling Program Manager	0.18	0.18	0.18	76,731 - 92,893	-
20000847	Safety Officer	0.36	0.36	0.36	57,907 - 69,930	24,556
20000850	Safety Officer	0.18	0.00	0.00	57,907 - 69,930	-
20000854	Safety Representative 2	1.62	1.62	1.95	50,461 - 61,027	115,670
90000854	Safety Representative 2 - Hourly	0.12	0.00	0.00	50,461 - 61,027	-
20001042	Safety and Training Manager	0.36	0.54	0.54	66,768 - 80,891	40,394
20000869	Senior Account Clerk	0.44	0.44	0.44	36,067 - 43,514	18,674
20000883	Senior Chemist	1.00	1.00	1.30	71,739 - 86,466	109,600
20000885	Senior Civil Engineer	2.62	2.56	2.28	76,794 - 92,851	206,403
20000927	Senior Clerk/Typist	0.18	0.18	0.18	36,067 - 43,514	7,645
20000898	Senior Customer Services Representative	3.00	3.00	3.00	37,835 - 45,781	133,889
90000898	Senior Customer Services Representative - Hourly	0.00	0.17	0.00	37,835 - 45,781	-
20000312	Senior Department Human Resources Analyst	0.18	0.18	0.18	59,363 - 71,760	12,527
20000400	Senior Drafting Aide	1.26	1.48	1.48	44,429 - 53,706	77,281
20000902	Senior Engineering Aide	2.50	3.00	0.00	44,429 - 53,706	-
20000900	Senior Engineering Aide	10.18	10.00	10.00	44,429 - 53,706	525,140
20000015	Senior Management Analyst	3.76	3.69	4.32	59,363 - 71,760	295,588
90000015	Senior Management Analyst - Hourly	0.06	0.06	0.00	59,363 - 71,760	-
20000856	Senior Mechanical Engineer	0.18	0.00	0.00	76,794 - 92,851	-
20000918	Senior Planner	1.00	1.00	0.67	65,354 - 79,019	51,615
20000708	Senior Plant Technician Supervisor	0.36	0.36	0.18	60,070 - 72,467	12,720
20000916	Senior Public Information Officer	0.36	0.36	0.36	54,059 - 65,333	11,483
20000914	Senior Water Utility Supervisor	13.18	14.00	14.00	47,216 - 57,138	668,520
20000950	Stock Clerk	0.00	0.00	0.33	30,056 - 36,275	11,666
20000955	Storekeeper 1	0.00	0.00	0.33	34,611 - 41,517	13,353
90000964	Student Engineer - Hourly	0.00	0.09	0.00	26,707 - 32,011	-
90000967	Student Worker - Hourly	0.46	0.00	0.00	20,925 - 24,918	-
20000313	Supervising Department Human Resources Analyst	0.18	0.18	0.18	66,768 - 80,891	14,123
20000995	Supervising Economist	0.23	0.23	0.23	66,768 - 80,891	18,047
20000990	Supervising Field Representative	1.00	0.50	0.50	35,651 - 42,890	20,913
20000970	Supervising Management Analyst	2.76	2.74	2.60	66,768 - 80,891	204,003
20000997	Supervising Meter Reader	1.00	1.00	1.00	37,253 - 44,720	43,613
90000997	Supervising Meter Reader - Hourly	0.00	0.17	0.00	37,253 - 44,720	-
20001021	Supervising Public Information Officer	0.50	0.50	0.54	59,363 - 71,760	37,778
20000333	Supervising Wastewater Pretreatment Inspector	3.00	3.00	3.00	66,685 - 80,870	236,544

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
21000177	Trainer	0.00	0.00	1.58	54,059 - 65,333	94,153
20001041	Training Supervisor	0.18	0.18	0.18	59,363 - 71,760	12,596
20001051	Utility Worker 1	46.00	46.00	46.00	30,534 - 36,296	1,587,404
20000323	Wastewater Pretreatment Inspector 2	8.00	8.00	8.00	55,078 - 66,768	450,344
20000325	Wastewater Pretreatment Inspector 3	5.00	5.00	5.00	60,674 - 73,507	343,627
20000523	Wastewater Pretreatment Program Manager	1.00	1.00	1.00	72,966 - 88,546	86,332
20001063	Water Utility Supervisor	14.00	14.00	14.00	43,472 - 51,979	543,064
20001065	Water Utility Worker	32.00	31.00	31.00	33,322 - 39,666	1,070,982
20000756	Word Processing Operator	7.08	5.58	5.41	31,491 - 37,918	200,037
	Bilingual - Regular					20,747
	Exceptional Performance Pay-Classified					7,275
	Exceptional Performance Pay-Unclassified					570
	Geographic Info Cert Pay					1,537
	Night Shift Pay					18,866
	Overtime Budgeted					2,436,091
	Plant/Tank Vol Cert Pay					87,444
	Reg Pay For Engineers					92,013
	Split Shift Pay					24,341
	Termination Pay Annual Leave					53,265
FTE, Salaries, and Wages Subtotal		421.64	415.19	407.08		\$ 22,789,109
		FY2012 Actual	FY2013 Budget	FY2014 Proposed		FY2013-2014 Change
Fringe Benefits						
	Employee Offset Savings	\$ 130,020	\$ 162,186	\$ 161,251		\$ (935)
	Flexible Benefits	2,143,698	2,257,495	2,252,903		(4,592)
	Long-Term Disability	110,476	117,754	110,130		(7,624)
	Medicare	290,385	272,426	273,492		1,066
	Other Post-Employment Benefits	807,089	2,427,994	2,410,057		(17,937)
	Retiree Health Contribution	1,837,286	-	-		-
	Retiree Medical Trust	1,038	1,090	1,661		571
	Retirement 401 Plan	3,870	4,300	6,569		2,269
	Retirement ARC	6,852,085	6,833,906	8,285,509		1,451,603
	Retirement DROP	64,089	55,350	75,307		19,957
	Retirement Offset Contribution	43,441	47,859	46,636		(1,223)
	Risk Management Administration	377,467	400,266	403,576		3,310
	Supplemental Pension Savings Plan	1,151,431	1,112,473	1,112,329		(144)
	Unemployment Insurance	63,231	60,016	59,388		(628)
	Unused Sick Leave	0	-	-		-
	Workers' Compensation	612,358	779,233	946,602		167,369
Fringe Benefits Subtotal		\$ 14,487,963	\$ 14,532,349	\$ 16,145,410		\$ 1,613,062
Total Personnel Expenditures						\$ 38,934,519

Public Utilities

Sewer Utility - AB 1600 Fund

Revenues by Category

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
Charges for Services	\$ 9,289,896	\$ -	\$ -	\$ -
Rev from Money and Prop	(991,365)	-	-	-
Total	\$ 8,298,532	\$ -	\$ -	\$ -

Water Utility - AB 1600 Fund

Revenues by Category

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
Charges for Services	\$ 8,003,332	\$ -	\$ -	\$ -
Rev from Money and Prop	116,150	-	-	-
Total	\$ 8,119,481	\$ -	\$ -	\$ -

Water Utility Operating Fund

Department Expenditures

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
Public Utilities	\$ 120,737,506	\$ 145,108,335	\$ 137,151,553	\$ (7,956,782)
Water	250,977,720	291,815,854	297,129,228	5,313,374
Total	\$ 371,715,227	\$ 436,924,189	\$ 434,280,781	\$ (2,643,408)

Department Personnel

	FY2012 Budget	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
Public Utilities	253.87	252.86	279.15	26.29
Water	465.00	455.58	416.85	(38.73)
Total	718.87	708.44	696.00	(12.44)

Significant Budget Adjustments

	FTE	Expenditures	Revenue
Water Purchases 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	\$ -
Salary and Benefit Adjustments 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)	3,082,487	-
Repair and Maintenance Expenditures Addition of funding for one-time repair and maintenance expenditures at various facilities.	0.00	2,754,800	-

Public Utilities

Significant Budget Adjustments (Cont'd)

	FTE	Expenditures	Revenue
Water Infrastructure Expenditures Adjustment to reflect an increase in funding for water infrastructure support and supplies expenditures.	0.00	1,560,000	-
Enterprise Asset Management (EAM) Project Addition of funding and support staff for the Public Utilities EAM Project.	0.78	693,118	-
Water Programs 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	-
Laboratory Supplies and Maintenance Addition of expenditures for laboratory supplies and facility maintenance.	0.00	398,358	-
Proposition 218 Notification Mailing Adjustment reflects funding for mailing Proposition 218 notifications.	0.00	223,200	-
State Revolving Fund (SRF) Adjustment Addition of funding for SRF loan repayments and reserves.	0.00	197,178	-
Recycled Water Master Plan Adjustment reflects an increase in contractual expenditures for the 2015 Recycled Water Master Plan Update.	0.00	175,000	-
Supplemental COLA 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	-
Support for Distribution and Collection Addition of 1.00 Program Manager to support the newly established Distribution and Collection branch.	0.50	96,007	-
External Affairs Adjustment reflects an increase of non-personnel expenditures related to External Affairs.	0.00	14,700	-
Credit Rating Services Addition of expenditures for credit rating services which were previously paid by the City Treasurer Department.	0.00	1,800	-
Non-Standard Hour Personnel Funding Adjustment to expenditures according to a zero-based annual review of non-standard hour personnel funding requirements.	(4.15)	(183,960)	-
Public Utilities Development Plan Review Transfer Transfer of the development plan review function from the Public Utilities Department to the Development Services Department.	(6.04)	(740,754)	-
Equipment/Support for Information Technology Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements and priority analyses.	0.00	(891,947)	-

Public Utilities

Significant Budget Adjustments (Cont'd)

	FTE	Expenditures	Revenue
Non-Discretionary Adjustment 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	(1,707,854)	-
One-Time Reductions and Annualizations 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)
Contribution to Operating Reserve Adjustment reflects a decrease in expenditures for the annual contribution to the Operating Reserve.	0.00	(4,754,520)	-
Public Utilities Restructure Reallocation among funds to more accurately reflect operational expenditures as well as an adjustment due to efficiencies realized.	(3.33)	(5,128,976)	-
Revised Revenue Adjustment to reflect Fiscal Year 2014 revenue projections.	0.00	-	(30,077,000)
Total	(12.44)	\$ (2,643,416)	\$ (30,084,802)

Expenditures by Category

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
PERSONNEL				
Personnel Cost	\$ 39,285,407	\$ 39,326,153	\$ 39,031,954	\$ (294,199)
Fringe Benefits	25,322,268	25,473,213	28,070,503	2,597,290
PERSONNEL SUBTOTAL	\$ 64,607,675	\$ 64,799,366	\$ 67,102,457	\$ 2,303,091
NON-PERSONNEL				
Supplies	\$ 160,775,873	\$ 196,121,093	\$ 202,392,258	\$ 6,271,165
Contracts	58,464,112	72,069,313	68,003,701	(4,065,612)
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
NON-PERSONNEL SUBTOTAL	\$ 307,107,552	\$ 372,124,823	\$ 367,178,324	\$ (4,946,499)
Total	\$ 371,715,227	\$ 436,924,189	\$ 434,280,781	\$ (2,643,408)

Public Utilities

Revenues by Category

	FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013–2014 Change
Charges for Services	\$ 401,334,935	\$ 420,560,000	\$ 421,999,000	\$ 1,439,000
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	8,392,695	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	-	-	-
Total	\$ 519,988,178	\$ 467,014,802	\$ 436,930,000	\$ (30,084,802)

Personnel Expenditures

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
FTE, Salaries, and Wages						
20000011	Account Clerk	4.49	4.89	4.89	\$31,491 - \$37,918	\$ 178,539
20000007	Accountant 3	1.40	1.60	1.10	59,363 - 71,760	57,663
20000102	Accountant 4	0.40	0.40	0.40	66,768 - 88,982	34,523
20000012	Administrative Aide 1	0.40	0.40	0.29	36,962 - 44,533	17,366
20000024	Administrative Aide 2	12.38	9.65	9.75	42,578 - 51,334	466,379
20000057	Assistant Chemist	12.00	12.00	12.00	53,789 - 65,333	686,235
20001140	Assistant Department Director	1.49	1.49	1.49	31,741 - 173,971	50,402
20000072	Assistant Engineer-Civil	1.00	1.00	0.00	57,866 - 69,722	-
20000070	Assistant Engineer-Civil	31.84	31.07	24.00	57,866 - 69,722	1,548,240
21000176	Assistant Engineer-Corrosion	0.00	0.00	1.00	57,866 - 69,722	67,979
20000087	Assistant Engineer-Mechanical	0.49	0.49	0.23	57,866 - 69,722	15,626
20000041	Assistant Management Analyst	0.00	0.49	0.49	44,470 - 54,059	25,826
20001228	Assistant Metropolitan Wastewater Director	0.49	0.49	0.49	31,741 - 173,971	66,540
90001228	Assistant Metropolitan Wastewater Director - Hourly	0.17	0.00	0.00	31,741 - 173,971	-
20000109	Assistant Reservoir Keeper	8.00	8.00	8.00	34,944 - 41,662	319,750
20000140	Associate Chemist	4.00	4.00	4.25	62,005 - 75,067	277,487
90000140	Associate Chemist - Hourly	0.00	0.00	0.35	62,005 - 75,067	21,702
20000311	Associate Department Human Resources Analyst	2.45	2.45	2.45	54,059 - 65,333	144,179
20000143	Associate Engineer-Civil	21.12	19.53	18.19	66,622 - 80,454	1,329,808
20000145	Associate Engineer-Civil	1.29	1.29	1.09	66,622 - 80,454	85,502
90000143	Associate Engineer-Civil - Hourly	0.00	0.17	0.00	66,622 - 80,454	-
20000350	Associate Engineer-Corrosion	2.00	2.00	2.00	66,622 - 80,454	156,886
20000150	Associate Engineer-Electrical	0.49	0.49	0.23	66,622 - 80,454	18,048
20000154	Associate Engineer-Mechanical	1.30	0.30	0.23	66,622 - 80,454	18,036
20000134	Associate Management Analyst	0.40	0.40	0.40	54,059 - 65,333	25,489
20000132	Associate Management Analyst	0.00	0.00	0.39	54,059 - 65,333	21,083
20000119	Associate Management Analyst	19.20	18.53	18.51	54,059 - 65,333	1,155,333
20000137	Associate Management Analyst	3.94	3.44	0.00	54,059 - 65,333	-

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
90000119	Associate Management Analyst - Hourly	0.72	0.00	0.00	54,059 - 65,333	-
20000162	Associate Planner	0.89	1.68	1.67	56,722 - 68,536	111,589
20000655	Biologist 2	8.00	8.00	8.00	53,726 - 65,333	435,926
20000648	Biologist 3	2.00	2.00	2.00	62,005 - 75,067	140,075
20000649	Biologist 3	0.00	0.00	0.42	62,005 - 75,067	-
20000205	Building Service Supervisor	1.00	0.00	0.33	45,718 - 55,286	15,872
20000234	Carpenter	2.00	2.00	2.00	43,451 - 52,000	52,000
20000266	Cashier	2.50	2.50	2.50	31,491 - 37,918	86,938
20000236	Cement Finisher	1.00	1.00	1.00	43,451 - 52,083	52,083
90000836	Claims and Insurance Manager - Hourly	0.18	0.00	0.00	73,445 - 88,837	-
20000539	Clerical Assistant 2	8.60	8.20	7.98	29,931 - 36,067	283,477
20000306	Code Compliance Officer	1.50	1.50	2.50	37,232 - 44,803	62,305
20000307	Code Compliance Supervisor	0.50	0.50	1.00	42,890 - 51,334	-
20000829	Compliance and Metering Manager	1.50	1.00	1.00	73,445 - 88,837	86,171
20000801	Customer Information and Billing Manager	0.50	0.50	0.50	73,445 - 88,837	43,091
90000801	Customer Information and Billing Manager - Hourly	0.00	0.17	0.00	73,445 - 88,837	-
20000369	Customer Services Representative	17.50	17.50	18.25	32,968 - 39,811	689,138
90000369	Customer Services Representative - Hourly	0.00	4.00	2.50	32,968 - 39,811	82,420
20000366	Customer Services Supervisor	3.00	2.00	2.00	57,782 - 69,784	136,091
20001168	Deputy Director	4.87	4.82	5.03	46,966 - 172,744	580,296
90001168	Deputy Director - Hourly	0.18	0.34	0.00	46,966 - 172,744	-
20000434	Electronics Technician	1.00	0.00	0.00	47,091 - 56,534	-
20000414	Engineering Trainee	0.00	0.00	-0.50	32,011 - 38,605	-
20000430	Equipment Operator 2	11.00	11.00	11.00	41,350 - 49,462	544,082
20000418	Equipment Technician 1	23.00	22.00	18.00	36,005 - 43,139	776,502
20000423	Equipment Technician 2	3.00	3.00	2.00	39,499 - 47,091	94,182
20000924	Executive Secretary	0.49	0.49	0.49	43,555 - 52,666	25,165
20000461	Field Representative	16.39	17.02	16.69	32,323 - 38,917	630,193
90000461	Field Representative - Hourly	0.00	3.25	3.25	32,323 - 38,917	105,051
20000822	Golf Course Manager	2.00	2.00	2.00	59,488 - 71,760	136,044
90000819	Golf Course Manager - Hourly	0.00	0.29	0.26	59,488 - 71,760	15,467
20000501	Heavy Truck Driver 2	2.00	2.00	2.00	37,565 - 45,302	45,302
20000513	Hydrography Aide	1.00	1.00	1.00	42,536 - 51,251	49,970
20000178	Information Systems Administrator	0.47	0.47	0.47	73,466 - 88,982	39,313
20000290	Information Systems Analyst 2	4.73	5.20	5.23	54,059 - 65,333	329,542
20000293	Information Systems Analyst 3	3.29	3.29	3.29	59,363 - 71,760	224,232
20000998	Information Systems Analyst 4	2.35	2.35	1.88	66,768 - 80,891	147,500

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
20000514	Instrumentation and Control Supervisor	0.00	1.00	1.00	56,410 - 68,224	-
20000515	Instrumentation and Control Technician	7.00	8.00	8.00	51,896 - 62,296	489,786
21000150	Invalid Job	0.00	1.00	0.00	77,293 - 93,517	-
20000497	Irrigation Specialist	2.67	2.52	2.19	37,814 - 45,261	99,135
20000551	Junior Engineer-Civil	0.00	0.00	0.16	50,003 - 60,549	-
20000590	Laboratory Technician	9.00	9.00	9.00	40,622 - 49,067	430,560
90000589	Laborer - Hourly	6.00	2.94	3.00	29,182 - 34,757	87,548
20000579	Lake Aide 1	0.00	1.00	1.00	23,483 - 27,768	27,074
90000579	Lake Aide 1 - Hourly	16.00	7.84	8.00	23,483 - 27,768	187,866
20000564	Lake Aide 2	13.00	13.00	13.00	27,602 - 32,677	344,014
20000616	Lakes Program Manager	1.00	1.00	1.00	73,466 - 88,941	86,718
90001073	Management Intern - Hourly	2.65	5.44	4.77	24,274 - 29,203	115,787
20000622	Marine Mechanic	1.00	1.00	1.00	44,366 - 53,206	53,206
20000165	Multimedia Production Specialist	0.89	0.84	0.73	43,264 - 51,979	37,002
20000634	Organization Effectiveness Specialist 2	0.49	1.38	1.47	54,059 - 65,333	91,691
20000627	Organization Effectiveness Specialist 3	0.49	0.49	0.49	59,363 - 71,760	34,113
20000639	Organization Effectiveness Supervisor	0.49	0.49	0.49	66,768 - 80,891	37,256
20000680	Payroll Specialist 2	4.90	4.90	4.90	34,611 - 41,787	199,601
20000173	Payroll Supervisor	0.98	0.98	0.98	39,686 - 48,069	45,930
20000701	Plant Process Control Electrician	5.00	4.84	4.00	51,896 - 62,296	249,184
20000705	Plant Process Control Supervisor	0.98	0.98	0.49	56,410 - 68,224	27,636
20000703	Plant Process Control Supervisor	1.00	1.00	1.00	56,410 - 68,224	66,518
90000733	Power Plant Supervisor - Hourly	0.00	0.17	0.00	55,141 - 66,581	-
21000184	Prin Backflow & Cross Connection Specialist	0.00	0.00	0.73	50,003 - 60,549	42,777
20000740	Principal Drafting Aide	1.96	1.96	2.47	50,003 - 60,549	141,401
21000100	Principal Engineering Aide	0.00	0.84	0.00	50,003 - 60,549	-
20000743	Principal Engineering Aide	7.43	6.33	6.32	50,003 - 60,549	371,740
20000746	Principal Engineering Aide	1.00	1.00	1.00	50,003 - 60,549	59,035
20001222	Program Manager	4.00	4.45	4.84	46,966 - 172,744	516,799
20000760	Project Assistant	0.00	0.00	0.21	57,866 - 69,722	14,269
20000761	Project Officer 1	0.00	0.00	0.42	66,622 - 80,454	30,468
90000761	Project Officer 1 - Hourly	0.31	0.29	0.25	66,622 - 80,454	16,656
20000766	Project Officer 2	1.78	1.68	1.46	76,794 - 92,851	132,178
20000763	Project Officer 2	0.00	0.49	0.44	76,794 - 92,851	39,815
20000783	Public Information Clerk	2.20	2.20	2.53	31,491 - 37,918	93,524
20000784	Public Information Officer	0.89	0.00	0.00	43,514 - 52,707	-
20001150	Public Utilities Director	0.49	0.49	0.49	59,155 - 224,099	83,290
20000373	Ranger/Diver 1	3.00	3.00	3.00	42,494 - 51,272	142,270

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
90000373	Ranger/Diver 1 - Hourly	0.00	0.35	0.35	42,494 - 51,272	14,873
20000375	Ranger/Diver 2	2.00	2.00	2.00	46,634 - 56,347	101,572
20000376	Ranger/Diver Supervisor	1.00	1.00	1.00	53,726 - 64,958	63,334
20000560	Recycling Program Manager	0.49	0.49	0.49	76,731 - 92,893	-
20000559	Recycling Program Manager	0.49	0.84	0.73	76,731 - 92,893	65,770
20000840	Reservoir Keeper	8.00	8.00	8.00	40,019 - 47,819	376,086
20000850	Safety Officer	0.49	0.00	0.00	57,907 - 69,930	-
20000847	Safety Officer	0.98	0.98	0.98	57,907 - 69,930	66,802
20000854	Safety Representative 2	4.41	4.41	4.74	50,461 - 61,027	281,211
90000854	Safety Representative 2 - Hourly	0.48	0.00	0.00	50,461 - 61,027	-
20001042	Safety and Training Manager	0.98	1.47	1.47	66,768 - 80,891	110,010
20000869	Senior Account Clerk	0.80	0.80	0.80	36,067 - 43,514	33,940
21000183	Senior Backflow & Cross Connection Specialist	0.00	0.00	10.38	44,429 - 53,706	538,736
20000828	Senior Biologist	0.89	0.84	1.23	71,760 - 86,466	103,696
20000883	Senior Chemist	1.00	1.00	1.25	71,739 - 86,466	105,087
20000885	Senior Civil Engineer	6.09	6.46	4.37	76,794 - 92,851	390,433
90000885	Senior Civil Engineer - Hourly	0.00	0.29	0.00	76,794 - 92,851	-
20000927	Senior Clerk/Typist	1.38	0.49	0.49	36,067 - 43,514	20,787
21000185	Senior Corrosion Specialist	0.00	0.00	1.00	76,794 - 92,851	90,530
20000898	Senior Customer Services Representative	5.00	3.00	3.00	37,835 - 45,781	133,927
90000898	Senior Customer Services Representative - Hourly	0.00	0.17	0.00	37,835 - 45,781	-
20000312	Senior Department Human Resources Analyst	0.49	0.49	0.49	59,363 - 71,760	34,114
20000400	Senior Drafting Aide	3.43	3.83	3.83	44,429 - 53,706	200,002
20000906	Senior Electrical Engineer	0.00	1.00	0.00	76,794 - 92,851	-
20000900	Senior Engineering Aide	1.49	1.00	1.00	44,429 - 53,706	26,187
20000902	Senior Engineering Aide	7.45	7.20	0.00	44,429 - 53,706	-
20000015	Senior Management Analyst	9.35	10.33	10.51	59,363 - 71,760	716,128
90000015	Senior Management Analyst - Hourly	0.17	0.17	0.00	59,363 - 71,760	-
20000856	Senior Mechanical Engineer	0.49	0.00	0.00	76,794 - 92,851	-
20000918	Senior Planner	0.89	0.84	0.94	65,354 - 79,019	72,435
20000920	Senior Planner	0.89	2.52	2.19	65,354 - 79,019	160,638
20000708	Senior Plant Technician Supervisor	0.98	0.98	0.49	60,070 - 72,467	34,620
20000916	Senior Public Information Officer	0.98	1.82	1.71	54,059 - 65,333	76,779
21000178	Senior Water Distribution Operations Supervisor	0.00	0.00	1.00	77,293 - 93,517	87,875
20001060	Senior Water Operations Supervisor	3.00	3.00	3.00	77,293 - 93,517	270,732
20000914	Senior Water Utility Supervisor	1.38	0.00	0.00	47,216 - 57,138	-
20000950	Stock Clerk	1.00	0.00	0.33	30,056 - 36,275	11,677

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget	FY2014 Proposed	Salary Range	Total
20000955	Storekeeper 1	1.00	0.00	0.33	34,611 - 41,517	13,365
90000964	Student Engineer - Hourly	1.24	1.04	0.00	26,707 - 32,011	-
90001146	Student Intern - Hourly	0.00	0.49	0.70	18,616 - 22,318	13,032
90000967	Student Worker - Hourly	1.07	0.00	0.00	20,925 - 24,918	-
20000313	Supervising Department Human Resources Analyst	0.49	0.49	0.49	66,768 - 80,891	38,447
20000995	Supervising Economist	0.36	0.36	0.36	66,768 - 80,891	28,247
20000990	Supervising Field Representative	2.00	1.34	1.23	35,651 - 42,890	51,432
20000985	Supervising Management Analyst	0.89	0.84	0.73	66,768 - 80,891	57,284
20000970	Supervising Management Analyst	4.90	4.93	4.71	66,768 - 80,891	367,129
20000997	Supervising Meter Reader	2.00	2.00	2.00	37,253 - 44,720	87,193
90000997	Supervising Meter Reader - Hourly	0.00	0.17	0.00	37,253 - 44,720	-
20001021	Supervising Public Information Officer	2.39	2.34	1.47	59,363 - 71,760	102,862
21000177	Trainer	0.00	0.00	3.44	54,059 - 65,333	201,384
20001041	Training Supervisor	0.49	0.49	0.49	59,363 - 71,760	34,292
20001051	Utility Worker 1	8.00	0.00	0.00	30,534 - 36,296	-
20000317	Water Distribution Operations Supervisor	1.00	1.00	1.00	54,766 - 65,374	63,740
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	237,822
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	184,775
20000006	Water Systems District Manager	3.00	3.00	3.00	62,504 - 75,130	216,777
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	2,787,891
20000005	Water Systems Technician Supervisor	17.00	17.00	16.00	54,766 - 65,374	1,004,990
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	15.49	31,491 - 37,918	452,327
	AWWA WDP Cert Pay					31,096
	Backflow Cert					6,240
	Bilingual - Regular					27,837
	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					258,375

Public Utilities

Personnel Expenditures (Cont'd)

Job Number	Job Title / Wages	FY2012 Budget	FY2013 Budget Proposed	FY2014 Salary Range	Total
	Split Shift Pay				90,598
	Termination Pay Annual Leave				124,624
	Vacation Pay In Lieu				165,000
	Welding Certification				7,280
FTE, Salaries, and Wages Subtotal		718.86	708.44	696.00	\$ 39,031,954
		FY2012 Actual	FY2013 Budget	FY2014 Proposed	FY2013-2014 Change
Fringe Benefits					
	Employee Offset Savings	\$ 263,618	\$ 315,769	\$ 305,305	\$ (10,464)
	Flexible Benefits	3,730,250	3,903,726	3,827,891	(75,835)
	Long-Term Disability	204,994	212,704	196,316	(16,388)
	Medicare	510,538	473,511	470,625	(2,886)
	Other	(80)	-	-	-
	Other Post-Employment Benefits	1,650,972	4,090,420	4,003,661	(86,759)
	Retiree Health Contribution	2,716,021	-	-	-
	Retiree Medical Trust	3,189	2,602	4,591	1,989
	Retirement 401 Plan	11,541	10,445	18,105	7,660
	Retirement ARC	12,501,268	12,292,849	14,781,054	2,488,205
	Retirement DROP	103,968	93,575	113,218	19,643
	Retirement Offset Contribution	84,352	85,748	83,888	(1,860)
	Risk Management Administration	639,110	674,091	669,630	(4,461)
	Supplemental Pension Savings Plan	2,028,629	1,984,400	1,949,223	(35,177)
	Unemployment Insurance	111,374	108,650	105,165	(3,485)
	Unused Sick Leave	(158)	-	-	-
	Workers' Compensation	762,683	1,224,723	1,541,831	317,108
Fringe Benefits Subtotal		\$ 25,322,268	\$ 25,473,213	\$ 28,070,503	\$ 2,597,290
Total Personnel Expenditures				\$ 67,102,457	

Public Utilities

Revenue and Expense Statement (Non-General Fund)

Sewer Funds	FY2012 [#] Actual	FY2013 [*] Budget	FY2014 Proposed
BEGINNING BALANCE AND RESERVES			
Balance from Prior Year	\$ 56,005,213	\$ 120,529,612	\$ 137,532,272
Continuing Appropriations - CIP	260,584,469	214,492,888	173,233,225
Dedicated Reserve (DRES)	36,272,893	27,722,827	28,901,377
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
TOTAL BALANCE AND RESERVES	\$ 419,079,413	\$ 430,371,801	\$ 415,109,217
REVENUE			
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	310,000
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
TOTAL REVENUE	\$ 418,625,002	\$ 410,300,578	\$ 409,137,000
TOTAL BALANCE, RESERVES, AND REVENUE	\$ 837,704,415	\$ 840,672,379	\$ 824,246,217
CAPITAL IMPROVEMENT PROGRAM (CIP) EXPENSE			
CIP Expenditures	\$ 104,280,026	\$ 70,737,117	\$ 69,889,727
TOTAL CIP EXPENSE	\$ 104,280,026	\$ 70,737,117	\$ 69,889,727
OPERATING EXPENSE			
Debt Service	\$ 100,519,521	\$ 102,487,695	\$ 102,483,544
Department Expenditures & Encumbrances	202,644,116	232,078,892	224,678,273
State Revolving Fund Loan Expense	6,031,138	10,166,590	9,065,286
TOTAL OPERATING EXPENSE	\$ 309,194,775	\$ 344,733,177	\$ 336,227,103
TOTAL EXPENSE	\$ 413,474,801	\$ 415,470,294	\$ 406,116,830
RESERVES			
Continuing Appropriation	\$ 212,412,636	\$ 170,559,970	\$ 121,602,962
Dedicated Reserve (DRES)	28,681,368	27,722,827	28,901,377
Employee Efficiency Incentive Reserve	5,418,562	5,991,030	5,418,562
Capital Reserve (Emergency Reserve)	5,000,000	5,000,000	5,000,000
Operating Reserve/Contingency	39,531,010	43,730,646	42,417,751
Rate Stabilization Reserve	21,300,000	21,300,000	21,300,000
TOTAL RESERVES	\$ 312,343,576	\$ 274,304,473	\$ 224,640,652

Public Utilities

Revenue and Expense Statement (Non-General Fund)

Sewer Funds	FY2012 [#] Actual	FY2013 [*] Budget	FY2014 Proposed
BALANCE	\$ 111,886,038	\$ 150,897,612	\$ 193,488,735
TOTAL BALANCE, RESERVES, AND EXPENSE	\$ 837,704,415	\$ 840,672,379	\$ 824,246,217

^{*} 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.

[#] 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 [#] Actual	FY2013 [*] Budget	FY2014 Proposed
BEGINNING BALANCE AND RESERVES			
Balance from Prior Year	\$ (108,977,506)	\$ 52,063,243	\$ 25,606,792
Continuing Appropriations - CIP	251,211,644	145,757,464	167,966,927
Dedicated Reserve (DRES)	13,972,678	36,392,908	20,626,477
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	1,820,045
TOTAL BALANCE AND RESERVES	\$ 224,711,931	\$ 324,664,257	\$ 301,328,137
REVENUE			
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	636,000
Reclaimed Water	4,819,201	3,650,000	4,850,000
Sale of Water	384,352,725	404,900,000	400,900,000
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
TOTAL REVENUE	\$ 568,798,540	\$ 467,014,802	\$ 436,930,000
TOTAL BALANCE, RESERVES, AND REVENUE	\$ 793,510,471	\$ 791,679,059	\$ 738,258,137
CAPITAL IMPROVEMENT PROGRAM (CIP) EXPENSE			
CIP Expenditures	\$ 64,079,282	\$ 90,866,506	\$ 49,836,598
TOTAL CIP EXPENSE	\$ 64,079,282	\$ 90,866,506	\$ 49,836,598
OPERATING EXPENSE			
Debt Service	\$ 62,981,564	\$ 64,002,731	\$ 62,119,556
Department Expenditures	138,456,157	162,063,119	158,371,522
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
TOTAL OPERATING EXPENSE	\$ 374,204,174	\$ 436,924,189	\$ 434,280,781
TOTAL EXPENSE	\$ 438,283,456	\$ 527,790,695	\$ 484,117,379
RESERVES			
Continuing Appropriation	\$ 147,106,317	\$ 134,910,583	\$ 126,005,885
Dedicated Reserve (DRES)	21,392,908	36,392,908	20,626,477

Public Utilities

Revenue and Expense Statement (Non-General Fund)

Water Utility Operating Fund	FY2012 [#] Actual	FY2013 [*] Budget	FY2014 Proposed
Employee Efficiency Incentive Reserve	1,820,045	7,995,544	1,820,045
Capital Reserve	5,000,000	5,000,000	5,000,000
Operating Reserve/Contingency	29,556,542	29,496,823	29,701,388
Rate Stabilization Reserve	50,300,000	23,500,000	20,500,000
Secondary Purchase Reserve	12,503,886	12,826,971	12,544,476
TOTAL RESERVES	\$ 267,679,698	\$ 250,122,829	\$ 216,198,271
BALANCE	\$ 87,547,317	\$ 13,765,535	\$ 37,942,487
TOTAL BALANCE, RESERVES, AND EXPENSE	\$ 793,510,471	\$ 791,679,059	\$ 738,258,137

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[#] Fiscal Year 2012 Actual amounts based on Supplemental Schedules prepared by the Office of the City Comptroller.