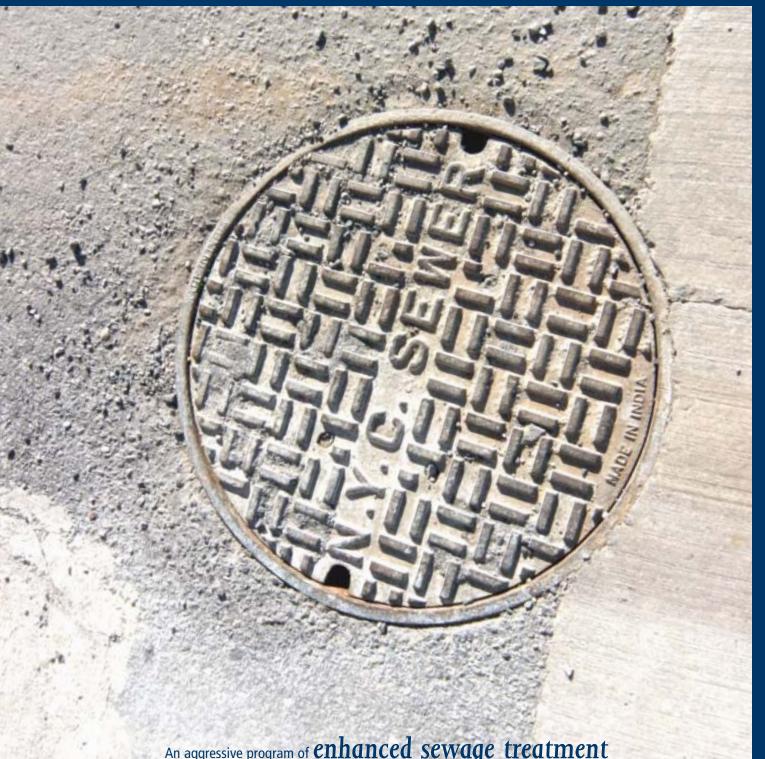
Comprehensive Annual Financial Report For the Fiscal Year Ended June 30, 2004

The New York City Water and Sewer System

A Component Unit of the City of New York



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New York Water and Sewer System Organizational Chart



An aggressive program of enhanced sewage treatment will improve the quality of the City's estuaries and surrounding waterways.

December 30, 2004

Letter of transmittal to:

- Members of the board of the New York City Municipal Water Finance Authority
- Members of the board of the New York City Water Board
- The commissioner of the New York City Department of Environmental Protection

We are pleased to submit to you this Comprehensive Annual Financial Report ("CAFR") of the New York City Water and Sewer System (the "System") for the year ended June 30, 2004.

The CAFR is presented in three major sections: introductory, financial and statistical. The introductory section, which is not audited, includes this letter of transmittal. The financial section includes management's discussion and analysis, the general purpose financial statements and the combining financial statements and schedules, as well as the independent auditor's report on these financial statements and schedules. The statistical section, which is not audited, includes selected financial and System information, presented on a multi-year basis. An organizational chart and a list of the System's principal officials is also provided at the end of the CAFR.

The reporting entity, the System, consists of two separate and independent corporate bodies that are combined for reporting purposes: the New York City Municipal Water Finance Authority (the "Authority") and the New York City Water Board (the "Water Board"). In addition, the New York City Department of Environmental Protection ("DEP") operates the System. The passage of the New York City Municipal Finance Authority Act (the "Act") of 1984 by the New York State Legislature authorized this operating and financing relationship. The System is a component unit of the City of New York (the "City") for financial reporting purposes.

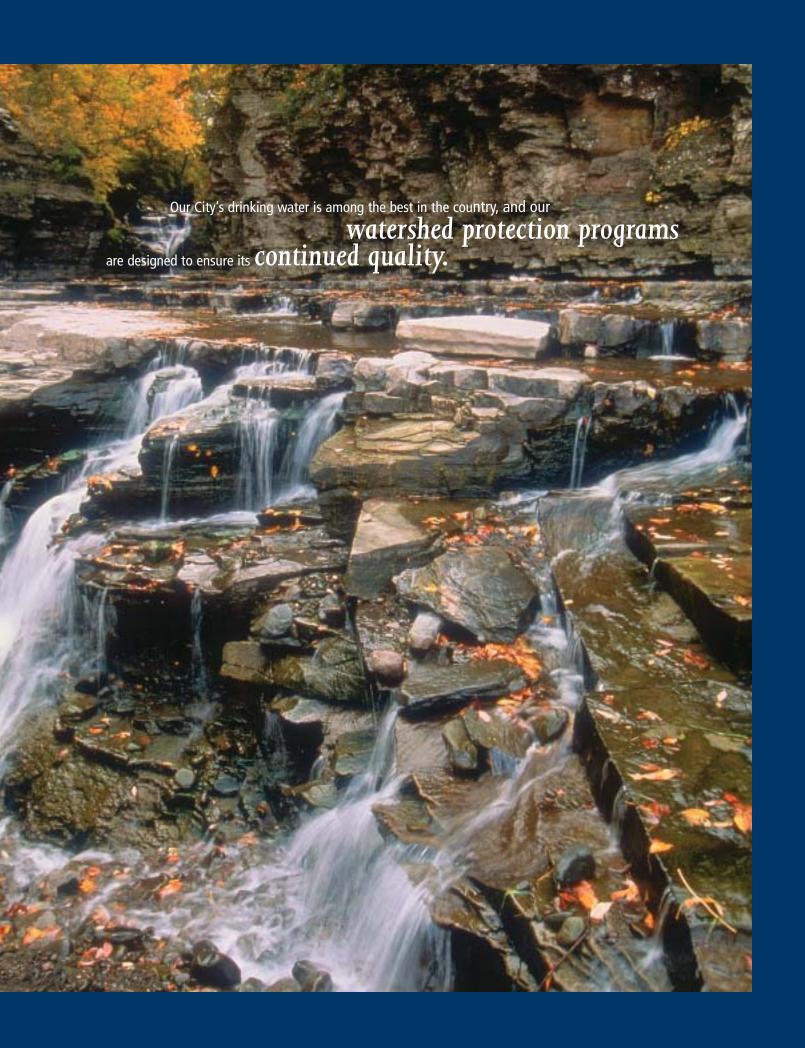
The Authority is authorized to issue bonds and other debt instruments for construction and improvement of the System and the acquisition of the System by the Board. The Authority also has the power to refund its bonds and notes and the general obligation bonds of the City issued for water or sewer purposes. The Authority is administered by a Board of Directors composed of seven members, four of whom serve ex officio, two of whom are appointed by the Mayor of the City and one of whom is appointed by the Governor of the

State of New York (the "State"). One seat on the Board of Directors is currently vacant. The staff of the Authority operates under the direction of an Executive Director.

The Water Board leases the operating system from the City, sets rates, and collects System revenue. The Lease Agreement (the "Lease"), dated July 1, 1985, provides for a lease term until such time as all the bonds of the Authority are paid in full, or provision for payment has been made. The Lease requires the Water Board to make a payment to the City which is no more than the greater of: i) principal and interest for the fiscal year on City general obligation bonds issued for water and sewer purposes, or ii) fifteen percent of principal and interest on Authority debt for the fiscal year. The Water Board is obligated to allocate the revenues of the System in sequential order of importance to debt service on Authority bonds, DEP's cost of operating and maintaining the System, and rental fees to the City for the use of the System.

The Water Board consists of seven members who are appointed by the Mayor. The Act requires that at least one member have experience in the science of water resource development. Members of the Water Board cannot be members of the Authority. The Chairman is appointed by the Mayor. One seat on the Board of Directors is currently vacant. The staff of the Water Board operates under the direction of an Executive Director.

The operation and maintenance of the System is performed by DEP. DEP is managed by a Commissioner who is appointed by the Mayor and oversees a workforce of over 5,700 people. DEP works to protect the environmental welfare and health of the City's residents and natural resources, manages the City's water supply, transmission and distribution system, and collects, treats, and disposes of waste and storm water. DEP supplies water and sewer service to the Boroughs of the Bronx, Brooklyn, Manhattan, Queens and Staten Island,



an area of over 300 square miles, and serves over eight million people. The City is also required by State law to sell water in counties where its water supply facilities are located and currently provides water to approximately one million people located in Westchester, Putnam, Orange and Ulster Counties.

The System provides an average of approximately 1,200 million gallons per day of water. In addition to a system of dams, reservoirs, aqueducts, and water tunnels, DEP maintains approximately 6,200 miles of water mains which distribute water throughout the five boroughs. DEP also maintains approximately 6,600 miles of sewers which collect and transport waste and storm water for treatment at the City's 14 water pollution control plants. The System collects and treats an average of approximately 1,300 million gallons per day of wastewater. Sewer service is provided to virtually the entire City, except for significant parts of the Borough of Staten Island, the Borough of Queens communities of Breezy Point and Douglaston, and the Borough of Brooklyn community of Seagate. Sewer service is also provided to certain upstate communities in System watershed areas.

SECURITY

In recent years DEP has taken a number of steps to enhance and augment its security arrangements to protect the water system, including the structures, facilities and reservoirs. These steps include, among others, increasing the size of the DEP police force to a total of approximately 182 officers; obtaining legislation authorizing the DEP police force to function as police officers within the City as well as in the upstate watersheds; purchasing additional police vehicles and surveillance equipment, and further securing facilities through additional locks, fencing and other physical barriers to prevent access by unauthorized persons, restricting vehicular access at certain facilities and more frequent monitoring of the water supply for contaminants. In addition, DEP consults other governmental agencies, including the Federal Bureau of Investigation and the US Army Corps of Engineers on longer-term plans to modernize and improve security systems.

CREDIT RATINGS

Standard and Poor's Ratings Services upgraded its rating on the Authority's bonds to AA+ from AA, in July 2004, just one rating level from the highest AAA rating. The rating upgrade was the result of "... greater predictability

surrounding costs and requirements of large capital projects, moderating rate increases and gradually improving coverage." Additionally, the Standard and Poor's report makes note of the Systems's affordable rates and sound management. The Authority's ratings from all three rating agencies also reflect the credit strengths resulting from the strong legal protections provided to bondholders and structural features of the Authority, which provide a true gross pledge of revenue to bondholders for debt payments. Fitch Ratings and Moody's Investor Service, rate the Authority AA and Aa2, respectively.

New York State Environmental Facilities Corporation ("EFC") bonds issued for eligible Authority State Revolving Fund projects are rated AAA from all three rating agencies. Bonds which the Authority places with EFC are an element of security for the EFC bonds issued to investors, but are unrated Second Resolution bonds of the Authority.

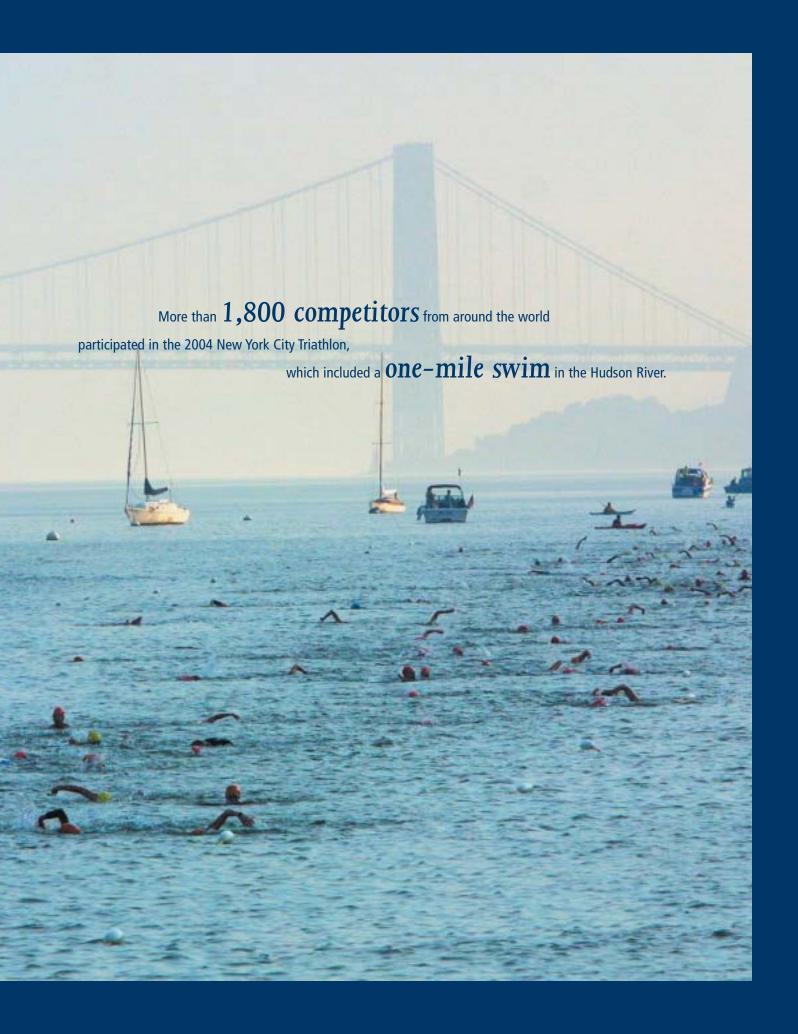
INTERNAL CONTROLS

The management of the Water Board and the Authority is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the System are protected from loss, theft or misuse, and to ensure that accounting policies are complied with and to allow for the preparation of financial statements in conformity with accounting principles generally accepted in the United States of America.

The System is subject to the internal control directives and memorandums that originate from the New York City Comptroller's office. These directives establish internal controls and accountability which safeguard City assets. In addition, the System is also subject to the City's internal auditors who periodically check the City's agencies' and component units' adherence to internal control policies and procedures.

BUDGETARY CONTROLS

The Water Board and the Authority maintain separate control structures for their specific areas of responsibility. The Water Board and the Authority establish separate operating budgets approved by their respective Boards of Directors. The City also maintains an encumbrance accounting system as another technique of accomplishing budgetary control.



CAPITAL PROGRAM GOALS

- To maintain the sufficiency, quality and security of the water in the City's watersheds and, where necessary, treat the supply to ensure drinking water continues to be of high quality;
- To maintain and improve the transmission and distribution capabilities of the City's water supply system;
- To maintain and improve the quality of the surrounding waters by upgrading the City's water pollution control plants;
- To remove sanitary sewage and prevent flooding by replacing failing sewers and extending service to underserved areas of the City.

The capital budget of the Authority is appropriated through the City's capital budget. The operation and maintenance budget of the System is appropriated through the City's annual operating budget.

CAPITAL IMPROVEMENT PROGRAM AND FINANCING PROGRAM

The City's Ten Year Capital Strategy, published in April 2003 and which is updated every two years, includes the projected capital improvements to the System for fiscal years 2004 through 2013. The City's Current Capital Plan, the most recent published in September 2004, is updated quarterly and supersedes the Ten Year Capital Strategy for Fiscal Years 2005 through 2008. The Ten Year Capital Strategy as modified by the Current Capital Plan comprises the System's Capital Improvement Program ("CIP"). The CIP provides for the rebuilding of the System's infrastructure, including water and sewer facilities.

The CIP, which establishes long range programmatic goals for the System, reflects a review of the present condition and long-term needs of the plant and equipment constituting the System. The CIP incorporates the requirements of legal mandates, the present replacement cycle for these facilities, extensions to the present service area, and programs to enhance and optimize the operation of the System.

Allowances are included in the CIP for emergency repair and replacement. An annual allowance for cost escalation due to inflation is also included. The total capital commitments projected to be provided from System funds, most of which will come from the proceeds of notes and bonds of the Authority is \$15.2 billion. The table below reflects the CIP as of September 2004, and is the basis for the System's annual cash flow requirements. For a number of reasons, including unforeseen inflation and changes in plans, actual costs may vary from the estimates set forth below. The CIP is divided into five project types, each discussed below. The capital commitments shown in each year represent capital contracts authorized to be entered into in each year. Actual expenditures from such capital contracts and the issuance of Authority bonds to fund such expenditures occur in the current and subsequent years.

Water Supply and Transmission

This component of the CIP includes approximately \$1.0 billion for Stages I and II of the City's Water Tunnel No. 3. Water Tunnel No. 3 will augment the transmission capacity from the watersheds into the City, permit the inspection and rehabilitation of Tunnels 1 and 2, and provide delivery alternatives to the City in the event of disruption in Tunnels 1 or 2. Stage I of Tunnel No. 3 commenced operation in July 1998. Construction of Stage II continues towards its expected operational date of 2012. The remaining section of the Stage II underground excavation includes the Manhattan leg, which will stretch across Manhattan from the valve chamber at Central Park. When Stage II comes on line, DEP will have achieved full redundancy of Tunnels No. 1 and 2. This will allow DEP to inspect and repair these tunnels for the first time since they were put into operation in 1917 and 1936, respectively.

The DEP is planning to implement water supply and transmission redundancy projects to enhance the water system and ensure its long term viability. DEP is planning to construct the Kensico-City Tunnel, a 16 mile tunnel from Kensico Reservoir to the Van Cortland Park Valve Chamber, bypassing the Hillview reservoir and providing redundancy for the sections of the Catskill and Delaware Aqueducts that

System Funds (in thousands)	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Water Supply and Transmission	\$ 710,730	\$ 222,500	\$ -	\$ 50,000	\$ 500,000	\$ 725,000	\$ 500,000	\$ 567,800	\$ 500,000	\$ 3,776,030
Water Distribution	848,113	476,374	1,581,867	490,341	127,609	134,927	127,255	129,333	163,845	4,079,664
Water Pollution Control	710,745	1,145,872	125,800	514,522	870,300	489,957	638,500	469,500	618,500	5,583,696
Sewers	223,037	122,125	123,771	96,222	134,000	119,000	139,000	121,639	144,542	1,223,336
Equipment	146,809	128,384	58,714	36,961	66,716	28,598	28,628	28,780	28,990	552,580
Total	\$2,639,434	\$2,095,255	\$1,890,152	\$1,188,046	\$1,698,625	\$1,497,482	\$1,433,383	\$1,317,052	\$1,455,877	\$15,215,306
Projected Authority bond issuance	\$1,463,000	\$1,682,000	\$1,773,000	\$1,736,000	\$1,704,000	\$1,637,000	\$1,686,000	\$1,641,000	\$1,450,000	\$14,772,000



run from the Kensico reservoir to the City. The CIP includes \$1.7 billion for the new Kensico-City tunnel. DEP is also researching and developing other alternate conveyance conduits and water supplies for the City, to provide more dependability within the water system. The alternate water supplies could be used during drought situations to augment the City's daily water supply or during repairs and inspections of existing aqueducts and tunnels. The CIP includes \$1.1 billion for these projects.

Water Distribution

The System's drinking water is rated among the best in the country. To ensure its continuing quality, and to comply with federal standards, DEP is pursuing a comprehensive program to halt further environmental deterioration in the increasingly urbanized Croton watershed, and to prevent similar problems in the still relatively pristine Catskill and Delaware watersheds. The CIP projects \$4.1 billion for the protection, expansion, and distribution of the City's water supply. This includes approximately \$1.2 billion for the construction of a full-scale filtration plant for the treatment of water from the Croton watershed, which reflects full funding based on current estimates for the plant. The program also calls for \$1.5 billion to be committed to on-going water quality preservation programs to ensure the continued purity of the water supply. This includes ultraviolet disinfection of water from the Catskill and Delaware systems, the acquisition of environmentally sensitive property in the upstate watershed, and the ongoing projects associated with the Filtration Avoidance Determination ("FAD") issued by the US Environmental Protection Agency ("USEPA"), allowing the City to avoid filtering water from the Catskill and Delaware Systems. The FAD will remain in effect until further determinations are made, with the next scheduled for April 2007. USEPA has issued a series of FADs to the City since 1993.

WATER POLLUTION CONTROL

To improve the quality of the City's estuaries and surrounding waterways and to implement long-range land based solutions to sludge disposal, an end-product of the sewage treatment process, \$5.6 billion is allocated to water pollution control programs in the CIP.

Combined Sewer Overflow ("CSO") is currently a source of pollution in the City's waters. CSO occurs during and after heavy rainstorms, when the flow of wastewater and storm water in the sewers exceeds the treatment capacity of a water pollution control plant and therefore enters surrounding waterways. DEP's CIP includes approximately \$600 million for

the abatement of CSOs, including CSO storage tank construction. The City is also exploring alternative approaches to CSO problems that focus on cost effective means of protecting water quality.

Approximately \$700 million has been allocated in the CIP for the upgrade of the Newtown Creek Water Pollution Control Plant to full secondary treatment. Newtown Creek is the last of the City's 14 in-City water pollution control plants to be upgraded to meet the full secondary treatment requirements of the Clean Water Act. Another significant program included in the CIP is over \$1.0 billion to be used for the reconstruction and modernization of ten water pollution control plants in order for these plants to continue to meet strict guidelines contained in State operating permits. The CIP also includes \$2.0 billion for the upgrade of five plants discharging into the Long Island Sound or Jamaica Bay, and includes projected funds for biological nutrient removal at these plants which involves enhanced nitrogen removal processes at these plants.

Sewers

Approximately \$1.2 billion is projected in the CIP to be committed to replace existing sewers in areas requiring increased capacity, to extend sewers to unserved or underserved areas, and to replace failing, flawed, or collapsed sewer mains.

Equipment

Programs in this category of the CIP include the installation of water meters, the procurement of vehicles and equipment, management information systems, and utility relocation for sewers and water mains. A total of \$553 million of City funds is projected in the CIP for these projects.

RISK MANAGEMENT

In accordance with the Lease, the Water Board is required to reimburse the City for any judgment or settlement paid by the City arising out of a tort claim to the extent that the City's liability is related to capital improvements and the operation or maintenance of the System. However, the yearly payment made to the City is limited to 5% of the aggregate revenues shown on the last year-end audited financial statements of the System. In addition, the System is required to reimburse the City, to the extent requested by the City, for the payment of any judgment or settlement arising out of a contract claim with respect to the construction of capital improvements. The City has agreed, subject to certain conditions, to indemnify the Authority and the Water Board against any and all liability in connection with any act done or omitted in good faith.



CASH MANAGEMENT

Both the Authority and the Water Board have funds which are invested. The Authority's investments must conform to the policies set forth in the Authority's Investment Guidelines, dated April 17, 1998. Specifically, the Authority may invest in any bonds or other obligations which constitute direct obligations of, or are guaranteed by, the federal government, including obligations of any agency, corporation or instrumentality thereof; direct obligations of, or obligations guaranteed by the State or direct obligations of any agency or public authority thereof, provided such obligations are rated in one of the two highest rating categories by a Rating Agency; bankers' acceptances or certificates of deposit issued by a commercial bank with its principal place of business within the State and having capital or surplus in excess of \$100 million; corporate securities, including commercial paper and fixed income obligations, rated by a Rating Agency in its highest category for comparable types of obligations; or repurchase agreements collateralized by obligations of the federal government.

The Authority employs various methods for the investment of its funds. The Authority's management is responsible for the investment of certain funds, and utilizes an investment manager for the active management of some funds; additionally, the Authority invests in forward purchase agreements and guaranteed investment contracts. The Water Board makes its own investments through the City Comptroller's investment group.

Funds are invested for periods of one day up to twenty years based upon cash flow requirements and subject to the restrictions on investments set forth in the Authority's General Bond Resolution. Daily cash from user payments is received into a lock box by the Water Board and is transferred daily to the Authority for debt service payments and to the City Comptroller to pay for the operation and maintenance of the System. No cash is retained by the Water Board until all requirements for debt service, operation and maintenance, and rental payments are met. Any surplus cash over these requirements is retained by the Water Board for use in the following year to pay required deposits.

INDEPENDENT AUDIT

Section 6.11 (b) of the Financing Agreement by and among the City, the Authority and the Water Board dated as of July 1, 1985 requires that the Authority shall submit to the Mayor, the Comptroller and the Director of Management and Budget of the City audited annual financial statements of the Authority and the Water Board. The financial section of the 2004 Comprehensive Annual Financial Report begins with the report of our independent auditors, Grant Thornton LLP. This report expresses an unqualified opinion as to the fairness of the presentation of our financial statements.

Respectfully submitted,

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Alan Anders Executive Director Lawrence R. Glantz Comptroller

Certificate of Achievement for Excellence in Financial Reporting

Presented to

New York City Water and Sewer System

For its Comprehensive Annual Financial Report for the Fiscal Year Ended June 30, 2003

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

President

Executive Director

Report of Independent Certified Public Accountants

To the Members of the Boards of New York City Municipal Water Finance Authority and the New York City Water Board

We have audited the accompanying balance sheets, statements of revenues, expenses and changes in net assets, and cash flows of the business-type activities, the New York City Municipal Water Finance Authority and the New York City Water Board, which collectively comprise the New York City Water and Sewer System ("the System"), a component unit of the City of New York, New York, as of and for the year ended June 30, 2004, which collectively comprise the basic financial statements of the System. These financial statements are the responsibility of the System's management. Our responsibility is to express an opinion on these financial statements based on our audit. The 2003 summarized comparative financial information of the System was derived from the System's 2003 financial statements which were audited by other auditors. Those auditors expressed an unqualified opinion on those financial statements in their report dated October 23, 2003. As discussed in Note 14, the System has restated its 2003 financial statements, including beginning balances, during the current year to adjust capital assets, in conformity with accounting principles generally accepted in the United States of America. The other auditors reported on the 2003 financial statements before the restatement.

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

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities, the New York City Municipal Water Finance Authority and the New York City Water Board of the System as of June 30, 2004, and the respective changes in its financial position and cash flows thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

The financial statements include summarized 2003 comparative information. Such information does not include all of the information required to constitute a presentation in conformity with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the System's financial statements for the year ended June 30, 2003, from which such summarized information was derived.

As discussed above, the financial statements of the System as of and for the year ended June 30, 2003, were audited by other auditors. As discussed in Note 14, these financial statements have been restated. We audited the adjustments described in Note 14 to the financial statements that were applied to restate the 2003 financial statements, including beginning balances, from which the accompanying 2003 summarized financial information was derived. In our opinion, such adjustments are appropriate and have been properly applied. However, we were not engaged to audit, review, or apply any procedures to the 2003 financial statements or summarized financial information of the System other than with respect to such adjustments and, accordingly, we do not express an opinion or any other form of assurance on the 2003 financial statements or summarized financial information taken as a whole.

The accompanying management's discussion and analysis is not a required part of the basic financial statements but is supplementary information required by the Governmental Accounting Standards Board. We have applied certain limited procedures, which consisted principally of inquiries of management regarding methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Shart Thornton UP

New York, New York October 25, 2004

OVERVIEW OF THE FINANCIAL STATEMENTS

The following is an overview of the financial activities of the New York City Water and Sewer System (the System) for the fiscal years ended June 30, 2004 and 2003.

The basic financial statements of the System, which include the balance sheets, the statements of revenues, expenses and changes in net assets and the statements of cash flows, are presented to display information about the reporting entity as a whole, in accordance with Governmental Accounting Standards Board (GASB) Statement No. 34, Basic Financial Statements and Managements Discussion and Analysis for State and Local Governments as amended by

GASB Statement No. 37, Basic Financial Statements and Managements Discussion and Analysis — for State and Local Governments: Omnibus. The statements are prepared using the economic resources measurement focus and the accrual basis of accounting.

The 2003 financial statements have been restated, from the amounts previously reported, to reflect adjustments to utility plant in service and utility plant construction. These adjustments are described further in the capital assets section of this discussion and analysis and in footnote 14 to the financial statements.

FINANCIAL ANALYSIS AND RESULTS OF OPERATIONS

The following summarizes the activities of the System for the years 2004 and 2003.

(in thousands)	2004	2003
Revenues:		
Water supply and distribution	\$ 713,097	690,093
Sewer collection and treatment	984,753	952,985
Other operating revenues	75,283	68,842
Total operating revenues	1,773,133	1,711,920
Subsidy Income	68,311	65,816
Investment income	86,949	96,236
Total revenues	1,928,393	1,873,972
Expenses:		
Operations and maintenance	933,736	875,762
Bad debt expense	116,108	89,400
Administration and general	19,853	15,181
Depreciation and amortization	451,585	389,626
Loss on retirement of fixed assets	25,214	_
Interest expense	612,054	584,347
Total expenses	2,158,550	1,954,316
Net loss before capital contributions	(230,157)	(80,344)
Capital contributions	29,875	7,233
Change in net assets	(200,282)	(73,111)
Net Assets — beginning	3,754,465	3,827,576
Net Assets — ending	\$3,554,183	3,754,465

Total operating revenues increased by 3.6% on a rate increase of 5.5%. Water consumption declined by 1.5 % over the year.

The following summarizes other operating revenues:

(in thousands)	2004	2003
Upstate water fees	\$ 24,611	22,790
Late payment fees	41,767	38,235
Connection fees & permits	8,905	7,817
Total other revenues	\$ 75,283	68,842

Investment income decreased by 9.7%. The Authority had \$5.7 million in arbitrage rebates in 2004 which are netted against investment income. Total investments decreased by \$300 million.

Total operations and maintenance expense increased by \$58 million or 6.6%. Expenses for operations of the system increased by \$44 million and the rental payment to the City for debt service increased by \$14 million. The two major components of the increase in operations and maintenance were increased costs of \$17 million for upstate watershed protection, and an increase of \$12 million in judgments and

claims. The rental payment increased primarily due to higher debt service payments coming due on bonds issued by New York City prior to the inception of the System.

Bad debt expense increased by \$27 million. The system continues to evaluate the accounts receivable balances and where required deem uncollectible accounts to be written off to bad debt expense.

Interest expense increased by \$28 million or 4.7%. The total debt of the System has increased by \$550 million or 4% and interest expense has increased by nearly the same percentage.

On the balance sheet, the changes in assets, liabilities and net assets are summarized as follows:

(in thousands)	2004	2003
Current unrestricted assets	\$ 458,454	506,598
Current restricted assets	1,964,855	2,272,548
Capital assets	15,174,128	14,163,830
Total assets	17,709,977	17,054,770
Long-term liabilities	12,565,882	11,894,966
Current liabilities	1,589,912	1,405,339
Total liabilities	14,155,794	13,300,305
Net assets:		
Invested in capital assets, net of related debt	3,368,355	3,271,440
Restricted for debt service	179,106	203,695
Restricted for operations & maintenance	135,701	132,107
Unrestricted (deficit)	(128,979)	147,223
Total net assets	3,554,183	3,754,465
Total liabilities and net assets	\$17,709,977	17,054,770

Current unrestricted assets decreased by \$48 million or 9.5%. Net receivables including unbilled revenues decreased by \$32 million and the System's receivable from the City for over payment of operations and maintenance expense decreased from 2003 by \$10 million.

Current restricted assets decreased \$308 million or 14%. The major decrease in restricted assets was \$267 million in the construction fund. The balances in this fund are available to pay for capital projects and vary due to the timing of the reissuance of commercial paper following the issue of long term bonds. In 2004 \$40 million in principal payments were made from the escrow funds.

Capital assets are described in a separate section of this discussion.

In 2004, the System issued an additional \$100 million of commercial paper and terminated \$125 million which brought the total program amount to \$800 million. Current liabilities increased by \$184 million primarily due to an increase in payable to the City of \$219 million. Total commercial paper outstanding decreased by \$25 million.

Long-term liabilities increased by \$671 million or 6%. A detailed discussion of the debt issued by the System is provided in the Debt Administration section of this discussion.

CAPITAL ASSETS

The System's capital assets include buildings, equipment, water treatment systems and water collections systems. Such amounts are detailed as follows:

(in thousands)	2004	2003
Utility plant construction	\$ 3,564,455	2,845,080
	·	
Land	142,409	116,576
Buildings	22,071	22,071
Equipment	378,333	288,250
Water supply and wastewater treatment systems	9,619,222	9,577,106
Water distribution and sewage collection systems	7,196,035	6,676,855
Total utility plant in service	17,358,070	16,680,858
Less accumulated depreciation	5,748,397	5,362,108
Total, net utility plant in service	11,609,673	11,318,750
Total capital assets	\$15,174,128	14,163,830

The net increase in the System's capital assets during fiscal year 2004 was \$1.0 billion or 7.1%. Net capital asset additions for 2004 were \$1,397 million.

The 2003 capital assets have been restated. Certain amounts previously reported as utility plant construction were placed into service in prior years and should have been reclassified to utility plant in service and depreciated accordingly. In addition, certain amount included in utility plant construction should have been expenses in 2003 and in prior years.

The capital assets of the System are detailed in footnote numbers 2(d) and 4 of the notes to the financial statements.

DEBT ADMINISTRATION

The New York City Municipal Water Finance Authority, (the Authority) issues debt to pay for the capital improvements to the System. The debt program of the Authority includes commercial paper and long-term debt of the Authority and subsidized bonds issued through the New York State Environmental Facilities Corporation (EFC). The commercial paper program is the main source of financing to reimburse the City for payments made for water and sewer projects. The Authority then issues long-term debt of its own or through EFC to retire outstanding commercial paper. The Authority also issues refunding bonds to refinance higher coupon debt.

At June 30, 2004, the total outstanding debt of the system was \$14 billion, of which \$800 million was commercial paper. The remaining \$13.2 billion consisted of variable and fixed rate bonds and notes maturing in varying installments through 2039. The total outstanding long-term debt at June 30, 2004 was as follows:

(in thousands)	Issue Date
2004	\$1,712,389
2003	3,007,393
2002	2,250,595
2001	1,062,425
2000 and prior	5,200,115
Total long-term debt	\$13,232,917

In the above, bonds retired through refundings in 2004 are removed from the year in which the refunded bonds were issued.

In fiscal year 2004, the Authority issued \$1,166,160,000 of water and sewer revenue bonds directly to the public, including \$649,275,000 of refunding bonds and \$516,885,000 in long-term financing. The Authority also issued \$558,688,873 in Clean Water and Drinking Water State Revolving Fund (SRF) bonds to EFC, all of which were issued for new money purposes. The new money bond proceeds provided long-term financing of commercial paper notes which had previously financed capital improvements to New York City's water and sewer system.

Highlights of the financing program in fiscal year 2004 included continued low interest costs on both fixed and variable rate borrowing. The sizable issuance in fiscal 2004 was the result of both a sizable capital program financed by the Authority and EFC bonds and refunding opportunities, which accounted for more than one-third of the Authority's bond issuance. In fiscal 2004, the Authority continued to make

maximum use of the EFC's State Revolving Fund program, which provides an interest rate subsidy to the Authority for qualifying projects, helping to minimize the overall costs of the Authority's long term debt.

In fiscal year 2004, the Authority closed five bond transactions and entered into an interest rate exchange agreement (or swap). The First Resolution Fiscal 2004 Series A, B and C bonds consisted of bond sales directly to the public. The Second Resolution Fiscal 2004 Series 1 and Series 2 bonds were issued to EFC to secure bonds issued by EFC on behalf of the Authority.

On September 18, 2003, the Authority closed its first transaction of fiscal year 2004. The Fiscal 2004 Series A bonds were sold for a par amount of \$217 million. The issue included term bonds in years 2027 and 2035. Proceeds from the sale were used to defease all of the Authority's Series 4 and a portion of its Series 6 commercial paper notes, fund a portion of the debt service reserve fund and pay costs of issuance.

On October 9, 2003, the Authority closed its first transaction with EFC in fiscal year 2004. The Fiscal 2004 Series 1 bonds, issued to EFC in the amount of \$301,008,574 to secure bonds issued by EFC, were sold in a combined plan of finance with the Authority's Series A bonds. Proceeds were used to defease a portion of the Authority's commercial paper Series 5 and 7 notes, which had funded eligible Clean Water and Drinking Water SRF projects, and were used to pay the costs of issuance for the bonds.

On March 18, 2004, the Authority closed two transactions, Fiscal 2004 Series B and Series C, which were sold in a combined plan of finance along with Fiscal 2004 Series 2 bonds. The Series B bonds were sold for a par amount of \$347,615,000 and currently refunded Fiscal 1994 Series B, D, E, F and G bonds. The issue included serial bonds in years 2004 through 2023. Proceeds from the sale also paid for the costs of issuance.

The Fiscal 2004 Series C bonds were sold for a par amount of \$601,545,000. Proceeds from the sale were used to refund Fiscal 1996 Series A and Series B bonds and Fiscal 1997 Series A and Series B bonds, to defease all of the Authority's commercial paper Series 6 and a portion of its Series 5 Lot A notes, pay certain costs of issuance, fund a portion of the debt service reserve fund and fund a portion of the Authority's capital program. The issue included serial bonds in years 2004 through 2025 and term bonds in 2034 and 2035.

On April 7, 2004, the Authority closed the Fiscal 2004 Series 2 bonds, which were issued to EFC in the amount of \$257,680,299 to secure bonds issued by EFC. Proceeds were used to defease a portion of the Authority's commercial paper Series 5 and 7 notes, which had funded eligible Clean Water and Drinking Water SRF projects, and were used to pay the costs of issuance for the bonds. The issuance included serial bonds in 2004 through 2033 and term bonds in 2030 and 2033.

In fiscal 2004, the Authority defeased with revenues, \$147,450,000 of outstanding General Resolution Bonds on March 25, 2004, including portions of Fiscal 1994 Series D, 1994 Series E and 1996 Series A bonds. On June 29, 2004, \$45,716,609 of outstanding General Resolution Bonds, including portions of Fiscal 1993 Series A and 1996 Series C bonds were also defeased with revenues.

The Authority terminated its \$125 million commercial paper Series 4 notes on September 24, 2003, leaving the combined commercial paper authorized to be outstanding at \$800 million. The commercial paper program, the Authority's primary source of short-term financing, is used to reimburse the City for spending on water and sewer related projects. Throughout the year the Authority issues long-term debt to retire the outstanding commercial paper.

The total of bonds and notes payable are detailed in footnote numbers 9 and 10 of the notes to the financial statements.

DERIVATIVES

On December 23, 2003, the Authority closed an interest rate exchange agreement extending to 2019 on a principal amount of \$200 million. The exchange was structured with the Authority receiving a fixed interest rate from the counterparty, in exchange for a floating rate based on the BMA Municipal Swap Index ("BMA Swap"). The fixed interest rate the Authority will receive is 3.567%, as determined by a competitive bid among six firms. The transaction effectively converts a portion of the Authority's bonds from a fixed rate basis to a floating rate basis, and increases its variable rate exposure at a cost lower than conventional variable rate demand bonds.

ECONOMIC FACTORS AND NEXT YEAR'S RATES

Rates are adopted each year by the Board in May, for the following fiscal year. A rate increase of 5.5% for fiscal 2005 became effective July 1, 2004 based on projected revenues and costs.

REQUEST FOR INFORMATION

This financial report is provided as an overview of the System's finances. Questions concerning any of the information in this report or requests for additional information should be directed to Raymond Orlando, Manager of Public Relations, New York City Municipal Water Finance Authority, 75 Park Place, New York, NY 10007. His phone number is (212) 788-5875 and his fax number is (212) 788-9721.

Financial Statements

BALANCE SHEETS

(Year ended June 30, 2004 with summarized financial information as of June 30, 2003)

(in thousands)	New York City Water Board	New York City Municipal Water Finance Authority	Eliminations	2004 Total	2003 Total (Restated)
ASSETS	vvater board	Tillance Authority	Lillillations	2004 Total	(Nestateu)
Utility plant in service, less accumulated depreciation of \$5,748,397 and \$5,362,108, respectively	\$11,609,673	_	_	11,609,673	11,318,750
Utility plant construction	3,564,455	_	_	3,564,455	2,845,080
Total capital assets	15,174,128			15,174,128	14,163,830
Current assets:					,
Unrestricted cash and cash equivalents	10,927	2	_	10,929	8,567
Investments	95			95	_
Accounts receivable:					
Billed, less allowance for uncollectible receivables of \$242,478 and \$268,235, respectively	298,322	_	_	298,322	336,943
Unbilled	143,625	_	_	143,625	137,500
Receivable from the City	3,323	_	_	3,323	13,213
Other	1	2,159	_	2,160	10,375
Total current unrestricted assets	456,293	2,161	_	458,454	506,598
Restricted assets:	130,233	2,101		150, 15 1	300,330
Cash and cash equivalents	70,407	1,067,749	_	1,138,156	1,531,401
Investments	64,810	758,132	_	822,942	738,789
Accrued interest receivable	484	3,273	_	3,757	2,358
Total current restricted assets	135,701	1,829,154	_	1,964,855	2,272,548
Total current assets	591,994	1,831,315	_	2,423,309	2,779,146
Revenue requirement to be billed by and received from the Board		6,861,567	(6,861,567)		
Long-term deferred bond and financing expenses	_	112,540	_	112,540	111,794
Total assets	\$15,766,122	8,805,422	(6,861,567)	17,709,977	17,054,770
LIABILITIES AND NET ASSETS Long-term liabilities:					
Bonds and notes payable, less current portion	\$ -	13,028,277	_	13,028,277	12,425,832
Net discount on bonds and notes payable	_	(197,293)	_	(197,293)	(296,637)
Deferred bond refunding costs	_	(265,102)	_	(265,102)	(234,229)
Revenue requirement payable to the Authority	6,861,567	-	(6,861,567)	-	
Total long-term liabilities	6,861,567	12,565,882	(6,861,567)	12,565,882	11,894,966
Current liabilities:	6.745	20.560		27.205	27.102
Accounts payable and accrued expenses	6,745	30,560	_	37,305	27,102
Revenues received in advance	78,231	1 004 640	_	78,231	69,156
Current portion of bonds and notes payable	_	1,004,640	_	1,004,640	1,057,318
Payable to the City	10.574	451,162	_	451,162	231,390
Refunds payable to customers Total current liabilities	18,574	1 496 262		18,574	20,373
	103,550	1,486,362	/C 0C1 EC7\	1,589,912	1,405,339
Total liabilities	6,965,117	14,052,244	(6,861,567)	14,155,794	13,300,305
Net Assets: Invested in capital assets, net of related debt	15 17/ 120	/11 ONE 772\		2 260 255	3,271,440
Restricted for debt service	15,174,128	(11,805,773)	_	3,368,355	
Restricted for operations and maintenance	135,701	179,106	_	179,106 135,701	203,695 132,107
Unrestricted (deficit)	(6,508,824)	6,379,845	_	(128,979)	147,223
Total net assets	8,801,005	(5,246,822)		3,554,183	3,754,465
Total liabilities and net assets	\$15,766,122	8,805,422	(6,861,567)	17,709,977	17,054,770
וטנמו וומטווונוכט מווע ווען מטטענט	12,700,122	0,000,422	(0,001,307)	ווע,כטו,וו	17,004,770

See accompanying notes to the financial statements.

Financial Statements

STATEMENTS OF REVENUE, EXPENSES AND CHANGES IN NET ASSETS

(Year ended June 30, 2004 with summarized financial information for the year ended June 30, 2003)

(in thousands)	New York City Water Board	New York City Municipal Water Finance Authority	2004 Total	2003 Total (Restated)
Operating revenues:				
Water supply and distribution	\$ 713,097	_	713,097	690,093
Sewer collection and treatment	984,753	_	984,753	952,985
Other operating revenues	75,283	_	75,283	68,842
Total operating revenues	1,773,133	_	1,773,133	1,711,920
Operating expenses:				
Operations and maintenance	933,736	_	933,736	875,762
Bad debt expense	116,108	_	116,108	89,400
Administration and general	4,970	14,883	19,853	15,181
Total operating expenses	1,054,814	14,883	1,069,697	980,343
Depreciation and amortization	409,139	42,446	451,585	389,626
Operating income (loss)	309,180	(57,329)	251,851	341,951
Nonoperating revenue (expense):				
Interest expense	_	(612,054)	(612,054)	(584,347)
Loss on retirement of fixed assets	(25,214)	_	(25,214)	-
Subsidy income	_	68,311	68,311	65,816
Investment income	1,237	85,712	86,949	96,236
Net income (loss) before capital contributions	285,203	(515,360)	(230,157)	(80,344)
Capital contributions	29,875	_	29,875	7,233
Change in net assets	315,078	(515,360)	(200,282)	(73,111)
Net assets (deficit) at beginning of year, as restated	8,485,927	(4,731,462)	3,754,465	3,827,576
Net assets (deficit) at end of year	\$8,801,005	(5,246,822)	3,554,183	3,754,465

See accompanying notes to the financial statements.

Financial Statements

STATEMENTS OF CASH FLOW

(Year ended June 30, 2004 with summarized financial information for the year ended June 30, 2003)

,			New York City		
(in the control of th		w York City	Municipal Water	2004 T-+-I	2003 Total
(in thousands) Cash flows from operating activities:	VV	ater Board	Finance Authority	2004 Total	(Restated)
Receipts from customers	¢ 1	,696,738		1,696,738	1,588,898
Payments for operations and maintenance			_		(868,811)
	(874,854)	(14.040)	(874,854)	
Payments for administration		(4,732)	(14,948)	(19,680)	(14,616)
Net cash provided by (used in) operating activities		817,152	(14,948)	802,204	705,471
Cash flows from capital and related financing activities:					
Proceeds from issuing bonds, notes and			2 720 270	2 720 270	4 (70 212
other borrowings, net of issuance costs		_	2,728,279	2,728,279	4,679,212
Acquisition and construction of capital assets	,	-	(1,238,298)	(1,238,298)	(1,217,895)
Payments by the Board to the Authority	()	811,421)	811,421	- (0.474.000)	(2.2.42.255)
Repayments of bonds, notes and other borrowings		_	(2,174,239)	(2,174,239)	(3,343,065)
Interest paid on bonds, notes and other borrowings		-	(515,787)	(515,787)	(576,516)
Net cash used in capital and related financing activities	(811,421)	(388,624)	(1,200,045)	(458,264)
Cash flows from investing activities:					
Proceeds from sales and maturities of investments		64,422	89,473	153,895	61,240
Purchases of investments		(64,845)	(175,659)	(240,504)	(114,299)
Interest on investments		1,142	92,425	93,567	163,167
Net cash provided by investing activities	_	719	6,239	6,958	110,108
Net increase (decrease) in cash and cash equivalents		6,450	(397,333)	(390,883)	357,315
Cash and cash equivalents, beginning of year		74,884	1,465,084	1,539,968	1,182,653
Cash and cash equivalents, end of year	\$	81,334	1,067,751	1,149,085	1,539,968
Cash and cash equivalents are reported in the Balance Sheet as follows:		40.027	2	40.000	0.567
Unrestricted cash and cash equivalents	\$	10,927	2	10,929	8,567
Restricted cash and cash equivalents	_	70,407	1,067,749	1,138,156	1,531,401
	\$	81,334	1,067,751	1,149,085	1,539,968
Reconciliation of Operating Income to Net Cash Provided by (used in) Operating Activities:			,		
Operating income (Loss)		309,180	(57,329)	251,851	341,951
Adjustments to reconcile operating income to net cash provided by (used in) operating activ	ities:				
Depreciation and amortization		409,139	42,446	451,585	389,626
Bad debt expense		116,108	_	116,108	89,400
Operations and maintenance expense paid with bond proceeds		43,230	_	43,230	25,941
Changes in net assets and liabilities:					
Receivables, net		(83,609)	_	(83,609)	(119,893)
Receivable from the City		9,890	_	9,890	(22,216)
Accounts payable		5,938	(65)	5,873	565
Revenues received in advance		9,075	_	9,075	(6,875)
Refunds payable		(1,799)	_	(1,799)	6,972
Net cash provided by (used in) operating activities	\$	817,152	(14,948)	802,204	705,471

The following are the noncash capital and related financing activities:

- Interest expense includes the amortization of premium and discount in the amount of \$8,189 in 2004 and \$7,312 in 2003
- Capital expenditures in the amount of \$451,162 and \$231,390 had been incurred but not paid at June 30, 2004 and June 30, 2003
- The Board received capital assets of \$29,878 and \$7,233 in 2004 and 2003, respectively, which represents capital contributed by the City

See accompanying notes to the financial statements.

(with summarized financial information for the year ended June 30, 2003)

1 ORGANIZATION

The New York City Water and Sewer System (the "System") provides water supply and distribution, and sewage collection, treatment, and disposal for The City of New York (the "City"). The System, as presented in the accompanying financial statements, began operations on July 1, 1985 and is a joint operation consisting of two legally separate and independent entities, the New York City Municipal Water Finance Authority (the "Authority") and the New York City Water Board (the "Board"). The Authority is a public benefit corporation created in accordance with the New York City Municipal Water Finance Act (the "Act"), duly enacted into law as Chapter 513 of the laws of 1984 of the State of New York, as amended by Chapter 514 of the laws of 1984 of the State of New York. The Board was created by Chapter 515 of the laws of 1984 of the State of New York. The Act empowers the Authority to issue bonds or notes to finance the cost of capital improvements to the System, and to refund any and all outstanding bonds and general obligation bonds of the City issued for water and sewer purposes. The Act empowers the Board to lease the System from the City and to fix and collect rates, fees, rents and other charges for the use of, or for services furnished, rendered, or made available by the System, to produce cash sufficient to pay debt service on the Authority's bonds and to place the System on a self-sustaining basis.

The physical operation and capital improvements of the System are performed by the City's Department of Environmental Protection subject to contractual agreements with the Authority and Board.

In accordance with Statement 14 of Governmental Accounting Standards Board (GASB), the Board and the Authority are considered to be part of the same reporting entity (the System) since they are fiscally interdependent. Accordingly, the accompanying financial statements for the System present the individual financial statements of the Board and the Authority as major funds. In addition, the accompanying financial statements present a total column which represents the entity wide financial statements of the System. Transactions and balances between the Board and the Authority are eliminated in the entity wide financial statements.

2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accompanying financial statements of the System have been prepared on the accrual basis of accounting. Revenues are recognized when earned and expenses recognized when incurred. GASB Statement No. 20, Accounting and Financial Reporting for Proprietary Funds and Other Government Entities that Use Proprietary Funds, provides proprietary activities with a choice of authoritative guidance issued after November 30, 1989. The System has elected to follow GASB pronouncements exclusively after that date. Other significant accounting policies are:

(a) Investments and Cash Equivalents

Investments and cash equivalents consist principally of securities of the United States and its agencies, certificates of deposit, and repurchase agreements with maturity periods of one year or less, and are carried at amortized cost, which approximates fair value. For purposes of the statements of cash flows, the System generally considers all highly liquid debt instruments purchased with a maturity of three months or less to be cash equivalents.

(b) Restricted Assets

Proceeds from the issuance of debt and monies set aside for the operation and maintenance of the System are classified as restricted by applicable bond indentures.

(c)Bond Discount and Bond Issuance Costs

Bond discount and bond issuance costs are amortized over the life of the related bond issue, using the effective yield method of amortization for bond discount and the straightline method for bond issuance costs.

(d) Utility Plant

Utility plant acquired through purchase or internal construction is recorded at cost, net of retirements. Contributed utility plant is recorded at its estimated historical cost based on appraisals or other methods when historical cost information is not available, net of depreciation. Depreciation is computed using the straight-line method based upon estimated useful lives, as follows:

	Years
Buildings	40-50
Water supply and wastewater treatment systems	15-50
Water distribution and sewage collection systems	15-75
Equipment	5-35

(with summarized financial information for the year ended June 30, 2003)

Maintenance and repairs of property are charged to maintenance expense. Replacements and betterments are recorded as utility plant.

(e) Operating Revenues and Operating Expenses

Operating revenues consist of customer payments for services of the System. Revenues are based on billing rates imposed by the Board and upon customers' water and sewer usage. The System records estimated unbilled revenue at year end. Operating expenses consist of administration, maintenance, repair and operations of the System, administration costs of the Board and the Authority, rental payments to the City, and bad debt expense.

(f) Deferred Revenues

Revenues received in advance of the period to which they relate are deferred and recorded as revenue when earned.

(g) Deferred Bond Refunding Costs

Deferred bond refunding costs represent the accounting loss incurred in advance refundings of outstanding bonds. In accordance with the provisions of GASB Statement No. 23, Accounting and Financial Reporting of Debt Reported by Proprietary Activities, gains or losses arising from debt refundings are deferred and amortized over the lesser of the remaining life of the old debt or the life of the new debt.

(h) Comparative Summary Prior Year Information and Reclassifications

Selected comparative information for 2003 has been provided in the accompanying financial statements and footnotes. Such information does not include all information required for presentation in conformity with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the System's financial statements for the year ended June 30, 2003 from which it has been derived. Certain 2003 amounts have been reclassified to conform to the 2004 financial statement presentation.

(i) Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions in determining the amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual amounts could differ from those estimates.

3 FINANCING AGREEMENT

The Financing Agreement (the "Agreement") provides that the Authority will issue bonds to finance the cost of capital investment in the water and sewer system serving the City. It also sets forth the funding priority for the debt service costs of the Authority, operating costs of the water and sewer system, and the rental payment to the City.

4 UTILITY PLANT

As discussed in footnote 14, the System has restated its 2003 financial statements to adjust capital assets. The following is a summary of utility plant activity for the fiscal years ended June 30, 2004 and 2003.

(in thousands)	Balance at June 30, 2002 (as restated)	Additions	Deletions	Balance at June 30, 2003 (as restated)	Additions	Deletions	Balance at June 30, 2004
Utility construction	\$ 2,446,417	1,146,968	748,305	2,845,080	1,444,655	725,280	3,564,455
Land	89,891	26,685	_	116,576	25,833	_	142,409
Buildings	21,615	456	_	22,071	_	_	22,071
Equipment	275,701	12,549	_	288,250	107,364	17,281	378,333
Water supply and wastewater treatment systems	9,123,546	453,560	_	9,577,106	72,903	30,787	9,619,222
Water distribution and sewage collection systems	6,443,819	281,740	48,704	6,676,855	519,180	_	7,196,035
Total	18,400,989	1,921,958	797,009	19,525,938	2,169,935	773,348	20,922,525
Less accumulated depreciation	5,065,891	344,921	48,704	5,362,108	409,141	22,852	5,748,397
Total	\$13,335,098	1,577,037	748,305	14,163,830	1,760,794	750,496	15,174,128

(with summarized financial information for the year ended June 30, 2003)

5 NET ASSETS

At June 30, 2004 and 2003, the Authority had a net asset deficit of \$5,247 million and \$4,731 million, respectively, which amount is less than the \$8,801 million and \$8,486 million total net assets of the Board at June 30, 2004 and 2003, respectively.

6 INVESTMENTS, CASH EQUIVALENTS AND DEPOSITS CASH

The Water and Sewer General Revenue Bond Resolution (the "Resolution") authorizes the investment of bond proceeds. The guidelines issued by the Office of the New York State Comptroller and the Resolution establish the criteria for permissible investments of the System. In addition, the Board and the Authority have investment guidelines approved by their respective Boards of Directors. The System may invest in obligations of the Federal government or any subdivision or instrumentality thereof, obligations of the State of New York or any subdivision or instrumentality thereof provided that they are in the two highest rating categories of a rating agency, bankers' acceptances or certificates of deposit (CDs) issued by a New York State commercial bank with capital or surplus in excess of \$100 million, corporate securities or commercial paper rated highest by a rating agency when compared to similar type securities, or repurchase agreements that are collateralized by obligations of the Federal government.

Investments and deposits held by the System at June 30, 2004, and 2003 comprised:

(in thousands)		2004	2003
Unrestricted Investments	\$	95	_
Unrestricted cash, cash equivalents (including accrued interest)		\$10,929	8,567
Restricted cash, cash equivalents and investments (including accrued interest)	1	,964,855	2,272,548
	\$1	,975,879	2,281,115
This amount is comprised of: Carrying amount of deposits (including CDs)	\$	11,028	7,146
Investments (including accrued interest)	1	,964,851	2,273,969
	\$1	,975,879	2,281,115

Cash Deposits

The System follows the New York City Banking Commission designations for the System's bank depositories. The Commission consists of the Comptroller, the Mayor, and the Finance Commissioner of the City and uses independent bank rating agencies in part to assess the financial soundness of each bank, and the banking relationships are under constant operational and credit reviews. Each bank in which the System's cash is deposited is required to have its principal office in New York State and have capital stock, surplus, and undivided earnings aggregating at least \$100 million. The System had \$200 thousand on deposit at June 30, 2004 and 2003, which were covered by Federal depository insurance and the balance was uncollateralized.

Investments

The System's investment of cash is limited to U.S Government guaranteed securities and U.S. Government agency securities purchased directly and through repurchase agreements as well as New York Sate securities, mutual funds and guaranteed investment contracts. The repurchase agreements must be collateralized by U.S. Government guaranteed securities in a range of 100% to 300% for the Board and 102% for the Authority. The fair value of investments is determined based on quoted market prices. All investments are held in the Authority's name by the trustee or in the Board's name by the agent.

(with summarized financial information for the year ended June 30, 2003)

As of June 30, 2004 the System had the following investments and maturities:

Investment Type				
(in thousands)	Amor	ized Cost	Fair Value	Investment Maturity
Unrestricted				
Certificate of Deposit	\$	95	96	Greater than one year
Restricted				
US Government securities	\$1,	233,127	1,233,668	Less than one year
New York State securities		42,916	44,391	Greater than one year
Repurchase agreements		19,780	19,797	Less than one year
Guaranteed investment contracts		665,176	666,899	Greater than one year
	\$1,	960,999	1,964,755	
As of June 30, 2003 the System had the following investments and maturities: Investment Type (in the grands)	Amor	izad Cost	Esir Valuo	Investment Maturity
Investment Type (in thousands)	Amor	ized Cost	Fair Value	Investment Maturity
Investment Type (in thousands) Unrestricted				
Investment Type (in thousands) Unrestricted Mutual Funds	Amor	1,005	1,005	Less than one year
Investment Type (in thousands) Unrestricted	\$	1,005 850	1,005 850	
Investment Type (in thousands) Unrestricted Mutual Funds Repurchase agreements		1,005	1,005	Less than one year
Investment Type (in thousands) Unrestricted Mutual Funds Repurchase agreements Restricted	\$	1,005 850 1,855	1,005 850 1,855	Less than one year Less than one year
Investment Type (in thousands) Unrestricted Mutual Funds Repurchase agreements	\$	1,005 850 1,855	1,005 850 1,855 1,578,479	Less than one year Less than one year Less than one year
Investment Type (in thousands) Unrestricted Mutual Funds Repurchase agreements Restricted US Government securities New York State securities	\$	1,005 850 1,855	1,005 850 1,855	Less than one year Less than one year Less than one year Greater than one year
Investment Type (in thousands) Unrestricted Mutual Funds Repurchase agreements Restricted US Government securities	\$ \$ \$1,	1,005 850 1,855 577,965 5,756	1,005 850 1,855 1,578,479 5,901	Less than one year Less than one year Less than one year

(with summarized financial information for the year ended June 30, 2003)

LEASE AGREEMENT

The Board is party to a long-term lease (the "Lease") with the City, which transfers all the water and sewer related real and personal property to the Board for the term of the lease. The Lease term commenced on July 1, 1985, and continues until the later of the fortieth anniversary of the commencement of the lease, or the date on which all bonds, notes or other obligations of the Authority are paid in full, or provisions for such payment have been made pursuant to the applicable debt instrument. The Lease provides for payments to the City to cover the following:

- (a) an amount sufficient to pay the cost of administration, maintenance, repair and operation of the leased property, which includes overhead costs incurred by the City attributable to the leased property, net of the amount of any Federal, State, or other operating grants received by the City;
- (b) an amount sufficient to reimburse the City for capital costs incurred by the City for the construction of capital improvements to the leased property which are not paid or reimbursed from any other source.

In addition to the payments described above, the Board pays rent to the City in each fiscal year in an amount not to exceed the greater of (a) the principal and interest payable on general obligation bonds issued by the City for water and sewer purposes certified by the City to be paid within such

fiscal year or (b) 15% of principal and interest payable on the bonds of the Authority to be paid within such fiscal year.

A summary of operation and maintenance expenses for the years ended June 30, 2004 and 2003 is as follows:

(in thousands)	2004	2003
Water transmission and distribution	\$ 284,461	285,929
Sewer collection systems	338,566	336,391
City agency support cost	52,399	36,557
Fringe benefits	70,466	73,740
Payments for watershed improvements	43,292	25,942
Judgments and claims	27,910	15,055
	817,094	773,614
Rental payments to the City	116,642	102,148
	\$ 933,736	875,762

8 payable to and receivable from the city

As of June 30, 2004 and 2003, all utility construction recorded by the System, which has not been reimbursed to the City, has been recorded as a payable to the City, net of the amount of any State or Federal capital grants received by the City.

As of June 30, 2004 and 2003 the System had a receivable from the City for overpayment of operations and maintenance expense.

9 SHORT-TERM LIABILITIES

In fiscal years 2003 and 2004 the changes in short-term liabilities were as follows:

	Balance at			Balance at			Balance at
(in thousands)	June 30, 2002	Additions	Deletions	June 30, 2003	Additions	Deletions	June 30, 2004
Commercial paper ¹	\$628,000	1,558,800	1,361,800	825,000	964,500	989,500	800,000

¹Commercial paper is used to pay construction costs in advance of long term bond financing.

(with summarized financial information for the year ended June 30, 2003)

Commercial paper activity comprises the following for the year ended June 30, 2004:

	Balance at			Balance at
(in thousands)	June 30, 2003	Issued	Retired	June 30, 2004
Commercial Paper Series 1 —				
Variable Rate, Short-term Rolling Maturity Backed by Letter of Credit	\$ 200,000	_	_	200,000
Commercial Paper Series 4 —				
Variable Rate, Short-term Rolling Maturity Backed by Letter of Credit	125,000	_	125,000	-
Commercial Paper Series 5 —				
Variable Rate, Short-term Rolling Maturity Backed by Line of Credit	200,000	203,300	203,300	200,000
Commercial Paper Series 6 —				
Variable Rate, Short-term Rolling Maturity Backed by Line of Credit	200,000	275,000	275,000	200,000
Commercial Paper Series 7 —				
Variable Rate, Short-term Rolling Maturity	100,000	486,200	386,200	200,000
Total commercial paper payable	\$ 825,000	964,500	989,500	800,000

$10_{{\tt long-term\ liabilities}}$

In fiscal years 2003 and 2004, the changes in long-term liabilities were as follows:

Bonds payable: (in thousands)	Balance at June 30, 2002	Additions	Deletions	Balance at June 30, 2003	Additions	Deletions	Balance at June 30, 2004	Due Within One Year
First resolution	\$ 8,856,014	2,010,310	1,232,234	9,634,090	1,166,160	1,057,437	9,742,813	94,127
Second resolution	2,662,990	1,110,102	749,031	3,024,061	558,688	92,645	3,490,104	110,513
Total bonds payable	11,519,004	3,120,412	1,981,265	12,658,151	1,724,848	1,150,082	13,232,917	204,640
Less discounts (net)	371,892	(49,341)	25,914	296,637	(58,916)	40,428	197,293	_
Less deferred refunding costs	208,521	50,889	25,181	234,229	53,534	22,661	265,102	_
Total long-term liabilities	\$10,938,591	3,118,864	1,930,170	12,127,285	1,730,230	1,086,993	12,770,522	

(with summarized financial information for the year ended June 30, 2003)

With respect to all series, the Board has agreed to maintain rates and charges to provide revenues at levels sufficient to pay principal and interest requirements as well as to meet certain debt service coverage and operating cost funding requirements. All series are specific obligations of the Authority payable solely from and secured by a pledge of and lien on the gross revenue of the System, as defined.

Certain bonds issued by the Authority involve the concurrent issuance of long-term variable rate securities that are matched with long-term floating rate securities. These obligations, taken together as a whole, yield a fixed rate of interest at all times. These securities have been issued to achieve a lower prevailing fixed rate of interest in relation to traditional fixed rate bonds.

During 2004 and 2003, the Authority issued \$949.1 million and \$1.0 billion, respectively, of bonds to advance refund \$652 million and \$973.5 million, respectively, of outstanding bonds. The advance refundings resulted in an accounting loss of \$21.2 million and \$50.9 million, respectively. The Authority in effect reduced its aggregate debt service by \$102 million and \$123 million, respectively, and obtained an economic benefit of \$69.4 million and \$102 million, respectively.

During 2004 and 2003, the Authority defeased \$213.3 million and \$145.1 million, respectively, of outstanding bonds with \$215.1 million and \$158.1 million, respectively, of current revenue which resulted in an accounting loss of

\$16.5 million and \$15.7 million, respectively.

During 2003 the Authority renegotiated the terms of \$666.6 million of its notes with the New York State Environmental Facilities Corporation. The Authority in effect increased its aggregate debt service by \$173.7 million and obtained an economic benefit of \$52.3 million.

During 2004 the Authority issued \$50 million of bonds that will refund \$50 million of principal of the 2003 B issue in June 2005. During 2003 the Authority issued \$50 million of bonds that refunded \$50 million of the 2003 B issue in June 2004.

The Authority has defeased cumulatively \$6.664 billion and \$5.759 billion of outstanding bonds as of June 30, 2004 and 2003, respectively, by placing proceeds of refunding bonds issued in an irrevocable escrow account to provide for all future debt service payments on defeased bonds. Proceeds were used to purchase U.S. Government securities that were placed in the irrevocable escrow account. Accordingly, the escrow account assets and liabilities for the defeased bonds are not included in the Authority's financial statements.

As of June 30, 2004 and 2003, \$5.493 billion and \$4.663 billion of the defeased bonds respectively had been retired from the assets of the escrow accounts.

Debt service requirements to maturity including amounts relating to commercial paper at June 30, 2004 are as follows:

Year ending June 30			
(in thousands)	Principal	Interest ¹	Total
2005	\$ 1,004,640	500,565	1,505,205
2006	221,605	487,295	708,900
2007	174,735	497,594	672,329
2008	208,936	500,908	709,844
2009	235,382	496,057	731,439
2010-2014	1,447,627	2,370,636	3,818,263
2015-2019	1,990,228	2,079,480	4,069,708
2020-2024	2,349,929	1,694,362	4,044,291
2025-2029	2,875,320	1,197,834	4,073,154
2030-2034	2,861,255	515,670	3,376,925
2035-2039	663,260	39,932	703,192
Total	\$14,032,917	10,380,333	24,413,250

¹Includes interest for variable rate bonds estimated at .92% which is the rate at the end of the fiscal year. Variable rate bonds are sold daily or weekly and interest rates are determined by the market on the day sold.

(with summarized financial information for the year ended June 30, 2003)

Bonds, notes payable, and commercial paper comprise the following for the year ended June 30, 2004:

(in thousands)	Balance at June 30, 2003	Issued	Retired	Balance at June 30, 2004
1991 Fiscal Series B — 6.00% to 7.25% Serial and	•			<u> </u>
Term Bonds maturing in varying installments though 2012	\$ 19,250	_	3,165	16,085
1992 Fiscal Series B — 6.66% to 6.86% Serial and Term Bonds maturing in varying installments through 2014	21,610	_	3,927	17,683
1993 Fiscal Series A — 5.875% to 6.0% Serial, Term, and Capital Appreciation Bonds maturing in varying installments through 2013	229,380	_	63,515	165,865
1993 Fiscal Series C — Adjustable Rate Term Bonds maturing 2022	100,000	_	_	100,000
1994 Fiscal Series 1 — 3.00% to 6.00% Serial Bonds maturing in varying installments through 2013	31,805	_	_	31,805
1994 Fiscal Series B — 4.875% to 5.125% Fixed Rate Bonds maturing in varying installments through 2019	285,940	_	285,940	_
1994 Fiscal Series C — Adjustable Rate term bonds maturing in 2023	200,000	_	_	200,000
1994 Fiscal Series D — Auction Rate Bonds maturing in varying installments through 2013	83,500	_	83,500	_
1994 Fiscal Series E — Inverse Rate Bonds maturing in varying installments through 2013	83,500	_	83,500	_
1994 Fiscal Series F — 5.40% to 5.75% Serial Bonds maturing in varying installments through 2023	117,900	_	117,900	_
1994 Fiscal Series G — Adjustable, Auction and Leveraged Reverse Rate Bonds maturing in varying installments through 2024	205,000	_	20,000	185,000
1995 Fiscal Series A — Adjustable Rate Term Bonds maturing in varying installments through 2025	216,700	_	_	216,700
1995 Fiscal Series 1 — 5.25% to 6.875% Serial Bonds maturing in varying installments through 2016	36,602	_	5,387	31,215
1996 Fiscal Series A — 5.10% to 5.15% Serial Bonds maturing in varying installments through 2023	122,150	_	122,150	_
1996 Fiscal Series B — 5.75% to 5.875% Serial Bonds maturing in varying installments through 2026	491,025	_	114,415	376,610
1996 Fiscal Series C — 4.90% to 5.75% Serial Bonds maturing in varying installments through 2017	76,645	_	14,525	62,120
1997 Fiscal Series A — 4.85% to 6.0% Serial Bonds maturing in varying installments through 2026	365,125	_	23,735	341,390
1997 Fiscal Series B — 5.75% to 5.80% Serial Bonds maturing in varying installments through 2029	700,000	_	43,460	656,540
1998 Fiscal Series 1 — 4.00% to 5.35% Serial Bonds maturing in varying installments through 2017	36,105	_	1,795	34,310
1998 Fiscal Series 3 — 4.30% to 6.00% Serial Bonds maturing in varying installments through 2016	405,580	_	25,546	380,034

(with summarized financial information for the year ended June 30, 2003)

(in thousands)	Balance at June 30, 2003	Issued	Retired	Balance at June 30, 2004
1998 Fiscal Series 4 — 3.60% to 5.20% Serial Bonds maturing in varying installments through 2018	\$ 12,525	_	700	11,825
1998 Fiscal Series 6 — 4.827% to 5.125% Serial Bonds maturing in varying installments through 2019	15,965	_	744	15,221
1998 Fiscal Series A — 4.80% to 5.125% Serial Bonds maturing in varying installments through 2022	283,850	_	_	283,850
1998 Fiscal Series B — 5.125% to 5.25% Serial Bonds maturing in varying installments through 2030	449,525	_	_	449,525
1998 Fiscal Series C — 4.30% to 5.125% Serial Bonds maturing in varying installments through 2021	87,050	_	285	86,765
1998 Fiscal Series D — 4.25% to 5.00% Serial and Capital Appreciation Bonds maturing in varying installments through 2025	384,400	_	3,525	380,875
1999 Fiscal Series 2 — 4.00% to 5.25% Serial Bonds maturing in varying installments through 2020	108,016	_	4,286	103,730
1999 Fiscal Series A — 4.75% to 5.00% Serial Bonds maturing in varying installments through 2031	301,470	_	_	301,470
1999 Fiscal Series B — 4.0% to 5.25% Serial, Term and Capital Appreciation Bonds maturing in varying installments through 2020	232,805	_	6,975	225,830
2000 Fiscal Series A — 5.50% to 5.75% Serial Bonds maturing in varying installments through 2032	275,735	_	_	275,735
2000 Fiscal Series B — 6.00% to 6.10% Serial Bonds maturing in varying installments through 2033	131,865	_	_	131,865
2000 Fiscal Series C — Adjustable Rate Term Bonds maturing in 2033	107,500	_	-	107,500
2000 Fiscal Series 2 — 3.80% to 5.96% Serial Bonds maturing in varying installments through 2019	11,025	_	460	10,565
2001 Fiscal Series A — 5.50% Term Bonds maturing in varying installments through 2033	328,225	_	_	328,225
2001 Fiscal Series B — 4.5% to 5.125% Serial and Term Bonds maturing in varying installments though 2031	68,400	_	145	68,255
2001 Fiscal Series C — 5.125% Term Bonds maturing in varying installments through 2033	112,040	_	_	112,040
2001 Fiscal Series D — 4.5% to 5.5% Serial and Capital Appreciation Bonds maturing in varying installments through 2025	288,375	_	4,705	283,670
2001 Fiscal Series E — 4.5% to 5.25% Serial and Term Bonds maturing in varying installments through 2031	86,105	_	_	86,105
2001 Fiscal Series F — Adjustable Rate Bonds maturing in varying Installments through 2033	184,130	_	_	184,130
2002 Fiscal Series A — 5.00% to 5.75% Serial and Term Bonds maturing in varying installments through 2033	216,305	_	_	216,305
2002 Fiscal Series B — 3.625% to 5.00% Serial and Term Bonds maturing in varying installments through 2026	171,455	_	_	171,455
2002 Fiscal Series C — 4.1% to 5.125% Serial and Term Bonds maturing in varying installments through 2032	46,580	_	_	46,580
2002 Fiscal Series D — 3.0% to 4.90% Serial and Term Bonds maturing in varying installments through 2020	41,745	_	_	41,745
2002 Fiscal Series E — 3.4% to 5.0% Serial and Term Bonds maturing in varying installments through 2026	213,850	_	_	213,850

(with summarized financial information for the year ended June 30, 2003)

(in thousands)	Balance at June 30, 2003	Issued	Retired	Balance at June 30, 2004
2002 Fiscal Series F — 3.6% to 5.0% Serial and	·			
Term Bonds maturing in varying installments through 2029	\$ 105,635	_	_	105,635
2002 Fiscal Series G — 5.00% to 5.125% Term Bonds maturing in varying installments through 2034	216,375	_	-	216,375
2002 Fiscal Series 1 — 4.82% to 5.25% Serial Bonds maturing in varying installments through 2031	196,816	_	5,091	191,725
2002 Fiscal Series 2 — 4.22% to 5.00% Serial Bonds maturing in varying installments through 2031	68,928	_	2,251	66,677
2002 Fiscal Series 3 — 4.65% to 5.00% Serial Bonds maturing in varying installments through 2031	501,513	_	10,812	490,701
2002 Fiscal Series 4 — 5.13% to 6.74% Serial Bonds maturing in varying installments through 2023	223,498	_	7,480	216,018
2002 Fiscal Series 5 — 3.82% to 5.21% Serial Bonds maturing in varying installments through 2031	177,416	_	3,584	173,832
2002 Fiscal Series 6 — 3.82% to 5.21% Serial Bonds maturing in varying installments through 2019	94,769	_	4,327	90,442
2002 Fiscal Series 7 — 7.4%% to 7.5% Serial Bonds maturing in varying installments through 2012	11,050	_	1,795	9,255
2003 Fiscal Series A — 4.0% to 6.0% Serial, Term and muni CPI Bonds maturing in varying installments through 2034	719,180	_	_	719,180
2003 Fiscal Series B — 4.0% to 5.25% Refundable Principal Installment Bonds maturing in varying installments through 2006	150,000	_	50,000	100,000
2003 Fiscal Series C — Adjustable Rate Bonds maturing in 2018	300,300	_	_	300,300
2003 Fiscal Series D — 2.0% to 5.25% Serial and Term Bonds maturing in varying installments through 2017	244,545	_	1,720	242,825
2003 Fiscal Series E — 5% Term Bonds maturing in 2034 and 2038	367,265	_	_	367,265
2003 Fiscal Series F — Adjustable Rate Bonds maturing in 2035	201,655	_	_	201,655
2003 Fiscal Series 1 — 4.23% to 4.375% Serial Bonds maturing in varying installments through 2032	147,258	_	2,029	145,229
2003 Fiscal Series 2 — 5.27% Serial Bonds maturing in varying installments through 2028	593,638	_	10,252	583,386
2003 Fiscal Series 3 — 5.15% Serial Bonds maturing in varying installments through 2025	21,755	_	620	21,135
2003 Fiscal Series 4 — 5.18% Serial Bonds maturing in varying installments through 2025	34,640	_	990	33,650
2003 Fiscal Series 5 — 4.23% to 4.45% Serial Bonds maturing in varying installments through 2032	295,157	_	2,388	292,769
2004 Fiscal Series A — 5.0% Term Bonds maturing in 2027 and 2035	_	217,000	_	217,000
2004 Fiscal Series B — 2.00% to 5.00% Serial and Term Bonds maturing in varying installments through 2023	_	347,615	5,665	341,950
2004 Fiscal Series C — 2.00% to 5.00% Serial and Term Bonds maturing in Varying installments through 2035	_	601,545	4,685	596,860
2004 Fiscal Series 1 — 4.12% to 4.45% Serial Bonds maturing in 2033	_	301,008	1,829	299,179
2004 Fiscal Series 2 — 4.46% Serial Bonds maturing in 2026	_	257,680	280	257,400
Total debt payable	12,658,151	1,724,848	1,150,083	13,232,917
Current portion of bonds and notes payable	232,319	217,099	244,778	204,640
Bonds and notes payable, less current portion	\$12,425,832	1,507,749	905,305	13,028,277

(with summarized financial information for the year ended June 30, 2003)

Derivatives

In 2004, the Authority entered into a \$200 million interest rate exchange agreement under which the Authority receives a fixed rate in exchange for a floating rate based on the BMA Municipal Swap Index. This effectively converted a portion of the Authority's second resolution bonds issued through EFC to variable rate bonds. The terms of this agreement require the counterparty to pay the BMA index and the Authority to pay 3.567%.

In 2003, the Authority sold \$20 million of muni-CPI bonds in the 2013 maturity of its Fiscal 2003 Series A issue. In connection with the muni-CPI bonds the Authority entered into an interest rate exchange agreement under which the Authority receives a floating rate tied to the consumer price index, which matches the rate on the bonds, and pays a fixed interest rate. This allowed the Authority to achieve a yield 10 basis points lower than traditional fixed rate debt with a 2013 maturity. The terms of this transaction require the counterparty to pay the Authority the muni-CPI rate, which is set at 1.53% plus a floating rate CPI, with the CPI being equal to the change in the consumer price index for a given period.

In keeping with market standards, the Authority or the counterparty may terminate the swap agreements if the other party fails to perform under its terms as defined in the agreements. The Authority views termination risk to be remote at this time. Depending on the fair value at the time of termination, the Authority may have a liability to the counterparties.

Through the swap agreement the Authority is exposed to credit risk i.e., the risk that the counterparties fails to perform its contractual obligations. The appropriate measurement of this risk at the reporting date is the fair value of the swap. The fair value of the swaps at June 30 2004 and June 30, 2003 respectively, was approximately \$3 and \$1 million, respectively, in favor of the counterparty. To mitigate credit risk, the agreement requires the counterparty to post collateral for the Authority's benefit if it is downgraded below a designated threshold, as defined in the agreement.

11 restricted assets

Certain cash and investments, plus accrued interest and other receivables, of the System are restricted as follows:

(In thousands)	2004	2003
The Board		
Operation and maintenance reserve account	\$ 135,691	132,097
Operation and maintenance reserve		
general account	10	10
	135,701	132,107
The Authority		
Revenue fund	179,106	203,695
Debt service reserve fund	698,518	678,115
Construction fund	289,540	556,314
Escrow fund	661,990	702,317
	1,829,154	2,140,441
	\$1,964,855	2,272,548

The operation and maintenance reserve account is established as a depository to hold the operations and maintenance reserve fund as required by the Resolution. It is required to hold one-sixth of the operating expenses as set forth in the annual budget. It is funded through the cash receipts of the Board. The operation and maintenance reserve general account is established as a depository to hold all excess funds of the Board after all legally mandated transfers have been made. It is available to meet any deficiencies in the flow of funds including debt service and alternatively can be used as a financing source for capital expenditures.

The revenue fund is established as a depository to fund the debt service, Authority expense, debt service reserve and escrow funds. It is funded through cash transfers from the Board. The debt service reserve fund is established as a depository to hold the maximum annual debt service requirement for the next current or any future fiscal year. It is funded through revenue bond proceeds and the revenue fund. The debt service fund is established as a depository to pay all principal and interest payments on the Authority's debt for the current fiscal year. It is funded through the revenue fund. The construction fund is established as a depository to pay all capital construction costs incurred by the City and reimbursed by the Authority. It is funded through the proceeds of bond and note sales. The escrow fund is established as a depository to refund debt in the future in future years. It is funded through bond proceeds.

12 commitments and contingencies

Construction

The System has contractual commitments of approximately \$4,483 and \$4,197 million at June 30, 2004 and June 30, 2003, respectively, for water and sewer projects.

(with summarized financial information for the year ended June 30, 2003)

Claims and Litigation

In accordance with the Lease, the Board is required to reimburse the City for any judgment or settlement paid by the City arising out of a tort claim to the extent that the City's liability is related to capital improvements and the operation or maintenance of the System. However, in no event shall the payment made to the City, in any fiscal year, exceed an amount equal to 5% of the aggregate revenues shown on the prior year audited financial statements of the System. In addition, the System is required to reimburse the City, to the extent requested by the City, for the payment of any judgment or settlement arising out of a contract claim with respect to the construction of capital improvements. In addition, the City has agreed, subject to certain conditions, to indemnify the Authority, the Board and their staffs against any and all liability in connection with any act done or omitted in the exercise of their powers which is taken or omitted in good faith in pursuance of their purposes under the Act. Currently, the City is a defendant in a significant number of lawsuits pertaining to the System. The litigation includes, but is not limited to, actions commenced and claims asserted against the City arising out of alleged torts, alleged breaches of contract, condemnation proceedings and other alleged violations of law. As of June 30, 2004, the potential future liability attributable to the System for claims outstanding against the City was estimated to be \$131 million. This amount is included in the estimated liability for unsettled claims, which is reported in the City's balance sheet. The potential future liability is the City's best estimate based on available information. The estimate may be revised as further information is obtained and as pending cases are litigated.

Arbitrage Rebate

To maintain the exemption from Federal income tax of interest on bonds issued subsequent to January 1, 1986, the System will fund amounts required to be rebated to the Federal Government pursuant to Section 148 of the Internal Revenue Code of 1986, as amended ("the Code"). The Code requires the payment to the United States Treasury of the excess of the amount earned on all non-purpose obligations over the amount that would have been earned if the gross proceeds of the issue were invested at a rate equal to the yield on the issue, together with any earnings attributable to such excess. Construction funds, debt service funds or any other funds or accounts funded with proceeds of such bonds, including earnings, or pledged to or expected to be used to pay interest on such bonds are subject to this requirement.

Payment is to be made after the end of the fifth bond year and after every fifth bond year thereafter, and within 60 days after retirement of the bonds. During 2004 and 2003 the System paid \$1 million and \$477 thousand, respectively, in rebates. At June 30, 2004 the Authority had a liability of \$4.745 million and had no liability at June 30, 2003.

$13^{\rm post\ employment\ benefits\ and}$ pension plans

The employees of the System are covered under the pension plans of the City. The employer's cost for these plans has been allocated to the System under the Operations and Maintenance expense.

14 PRIOR PERIOD ADJUSTMENTS

The 2003 financial statements have been restated, from the amounts previously reported, to reflect adjustments to utility plant in service and utility plant construction. Certain amounts previously reported as utility plant construction were placed into service in prior years and should have been reclassified to utility plant in service and depreciated accordingly. In addition, certain amounts included in utility plant construction should have been expensed in 2003 and in prior years. The effects of these adjustments to the 2003 financial statements are as follows: Utility plant in service, net of accumulated depreciation was increased by \$658 million. Utility plant construction was reduced by \$1.49 billion. Net assets at the beginning of the year were reduced by \$785 million and net assets at the end of the year were reduced by \$836 million, which included an adjustment to increase 2003 operation and maintenance expense and depreciation expense by \$26 million and \$25 million respectively. Net income before capital contribution was reduced by \$51 million.

15 Subsequent events

On August 5, 2004, the Authority issued fiscal 2005 Series A First Resolution Bonds in the aggregate amount of \$150 million to reimburse outstanding commercial paper notes, to pay certain costs of issuance, and to fund certain reserves.

On August 11, 2004, the Authority issued Fiscal 2005 Series 1 Second Resolution Bonds in the aggregate amount of \$230.4 million, to reimburse outstanding commercial paper notes, and to pay certain costs of issuance.

Statistics

REVENUES LAST TEN FISCAL YEARS

Years Ended June 30, 1995 – 2004 (in thousands)

,	Water Supply and	Sewer Collection and	Other Operating	Subsidy and Investment	
Year	Distribution	Treatment	Revenues	Income	Total
1995	504,596	717,533	78,326	57,511	1,357,966
1996	532,171	765,808	72,251	67,646	1,437,876
1997	543,928	789,516	93,243	68,192	1,494,879
1998	560,956	819,662	102,540	93,883	1,577,041
1999	583,394	857,204	85,903	81,465	1,607,966
2000	610,949	876,455	93,194	70,478	1,651,076
2001	626,364	898,568	96,991	84,534	1,706,457
2002	648,319	907,324	116,512	97,543	1,769,698
2003	690,093	952,985	68,842	162,052	1,873,972
2004	713,097	984,753	75,283	155,260	1,928,393

EXPENSES LAST TEN FISCAL YEARS

Years Ended June 30, 1995 – 2004 (in thousands)

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	Operation	Provision	Administration	Depreciation		
	and	for	and	and	Interest	
Year	Maintenance	Uncollectibles	General	Amortization	Expense	Total
1995	738,561	95,989	15,047	293,052	328,364	1,471,013
1996	730,963	317,051	14,490	240,949	368,422	1,671,875
1997	775,318	189,775	13,374	287,546	407,997	1,674,010
1998	777,652	149,748	11,217	281,943	465,819	1,731,518
1999	777,652	103,960	10,879	380,023	476,675	1,749,189
2000	801,255	89,062	10,092	347,055	492,747	1,740,211
2001	842,401	122,785	11,215	318,709	527.914	1,823,024
2002	857,907	92,481	14,171	320,382	556,784	1,841,725
2003	875,762	89,400	15,181	389,626	584,347	1,954,316
2004	933,736	116,108	19,853	451,585	612,054	2,113,336

Statistics

REVENUE BOND COVERAGE LAST TEN FISCAL YEARS

Years Ended June 30, 1995 – 2004 (in thousands)

					First Resolution	
Fiscal	Cash ¹	Debt Service	ce Requirements ²		Debt Service	Debt Service
Year	Receipts	Principal	Interest	Total	Coverage	Coverage
1995	1,069,725	74,770	256,196	330,966	3.23	_
1996	1,167,038	71,217	275,217	346,434	3.37	_
1997	1,216,503	73,866	339,498	413,364	3.13	2.94
1998	1,411,070	128,555	357,133	485,288	3.37	2.91
1999	1,460,602	136,767	345,397	482,164	3.42	3.03
2000	1,481,532	201,133	317,799	518,932	3.35	2.85
2001	1,527,009	164,843	331,309	496,152	3.13	3.08
2002	1,592,393	90,648	405,745	496,393	3.21	3.21
2003	1,653,733	196,036	300,688	496,724	3.33	3.33
2004	1,754,336	152,132	338,216	490,348	3.58	3.58

¹Until 1998, cash receipts as defined in the Bond Resolution excludes interest received on debt service and revenue funds

and subsidy payments.

²Debt service requirements include First Resolution debt service and a portion of Second Resolution debt service. Until 1997 all Second Resolution debt service was paid from carry forward amounts and subsidy payments from the New York State Environmental Facilities Corporation.

Statistics

WATER AND SEWER RATE INCREASES

Last Ten Fiscal Years

Effective Date	Changes in Flat-Rate Water	Change in Metered Water	Metered Water Rate (per ccf) ¹	Change in Sewer
July 1, 1995	Increased 5%	Increased 5%	\$1.06	No change (159% of water change)
July 1, 1996	Increased 6.5%	Increased 6.5%	\$1.13	No change
July 1, 1997	Increased 6.5%	Increased 6.5%	\$1.20	No change
July 1, 1998	Increased 4%	Increased 4%	\$1.25	No change
July 1, 1999	Increased 4%	Increased 4%	\$1.30	No change
July 1, 2000	Increased 1%	Increased 1%	\$1.31	No change
July 1, 2001	Increased 3%	Increased 3%	\$1.35	No change
July 1, 2002	Increased 6.5%	Increased 6.5%	\$1.44	No change
July 1, 2003	Increased 5.5%	Increased 5.5%	\$1.53	No change
July 1, 2004	Increased 5.5%	Increased 5.5%	\$1.60	No change

¹ccf equals one hundred cubic feet or approximately 748 gallons.

AVERAGE DAILY WATER CONSUMPTION

Last Ten Fiscal Years

Fiscal Year	Total (mgd) ¹	Upstate Counties (mgd) ¹	City (mgd) ¹	Per Capita (gals/day) ²
1995	1,426	121	1,305	178
1996	1,445	123	1,322	183
1997	1,334	121	1,213	164
1998	1,294	122	1,172	160
1999	1,342	129	1,213	163
2000	1,359	127	1,231	166
2001	1,340	126	1,201	166
2002	1,281	124	1,157	144
2003	1,232	119	1,113	139
2004	1,213	118	1,095	138

¹mgd=millions of gallons per day ²Population source: U.S. Department of Commerce, Bureau of the Census.

WATER SYSTEM TUNNELS AND AQUEDUCTS

	Connections	Length (miles)	Diameter (feet)	Transmission Capacity (mgd)	In Service Date
Tunnels Upstate	Connections	(IIIIles)	(leet)	Capacity (iligu)	Date
Shandaken	Schoharie to Ashokan	18.1	11.5 x 10.25 ¹	650	1924
West Delaware	Cannonsville to Rondout	44.0	11.33	500	1964
East Delaware	Pepacton to Rondout	25.0	11.33	700	1955
Neversink	Neversink to Rondout	6.0	10	500	1954
INEVELSITIK	Neversille to Nondout	0.0	10	500	1954
Aqueducts					
New Croton	New Croton to Jerome Park	24.0	3.5 x 13.6 ¹	300	1893
	Jerome Park to 135 St. Gatehouse	9.0	12.25-10.5 ²	250	1893
Catskill	Ashokan to Kensico	75.0	17 x 17.5 ¹	610	1915
	Kensico to Hillview	17.0	17.5 x 18 ¹	800	1915
Delaware	Rondout to West Branch	44.2	13.5	890	1944
	West Branch to Kensico	27.2	15	1,045	1943
	Kensico to Hillview	13.6	19.5	1,450	1942
Tunnels Downstate					
Tunnel 1	Hillview to distribution system	18.0	15-11 ²	1,000	1917
Tunnel 2	Hillview to distribution system	20.0	17-15 ²	1,000	1936
Tunnel 3, Stage 1	Hillview to distribution system	13.0	24-20 ²	1,500	1998
Richmond Tunnel	Tunnel 2 to Staten Island Uptake Shaft	5.0	10	350	1970

WATER POLLUTION CONTROL PLANTS DAILY FLOW

		12 month avg. (mgd) ¹	12 month avg. (mgd) ¹
Plant	Design Flow (mgd) ¹	July 02–June 03	July 03–June 04
Wards Island	275	193	196
North River	170	133	126
Hunts Point	200	114	100
26th Ward	85	65	59
Coney Island	110	97	88
Owls Head	120	104	101
Newtown Creek	310	238	229
Red Hook	60	32	30
Jamaica	100	85	78
Tallmans Island	80	58	57
Bowery Bay	150	112	111
Rockaway	45	20	19
Oakwood Beach	40	31	30
Port Richmond	60	39	35
Total	1,805	1,321	1,269

¹mgd=millions of gallons per day

¹Tunnels are not round ²Variable diameter tunnels

Organizational Chart

NEW YORK CITY MUNICIPAL WATER FINANCE AUTHORITY

Board of Directors

Mark Page ex officio Member Erin M. Crotty ex officio Member

Charles E. Dorkey III Member
Arthur B. Hill Member

Martha E. Stark ex officio Member David Tweedy ex officio Member

Staff

Alan Anders Executive Director

Marjorie E. Henning Secretary
Thomas G. Paolicelli Treasurer
Lawerence R. Glantz Comptroller
Prescott D. Ulrey Assistant Secretary
Philip Wasserman Deputy Treasurer
Jeffrey M. Werner Assistant Secretary

NEW YORK CITY WATER BOARD

Members

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Lilyan H. Affinito Member
Dawn S. Davis Member
Amaziah Howell Member
Stacey Coleman Morse Member
Maria Santos Valentin Member

Staff

David Tweedy Executive Director

William Kusterbeck Treasurer

Carmelo Emilio Deputy Treasurer

Albert F. Moncure, Jr. Secretary

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Officers

David Tweedy Acting Commissioner

BUREAU OF WATER AND SEWER OPERATIONS

Douglas S. Greeley, P.E. Deputy Commissioner

BUREAU OF ENVIRONMENTAL ENGINEERING

Warren Kurtz, P.E. Deputy Commissioner

BUREAU OF WASTEWATER TREATMENT

Alfonso R. Lopez, P.E. Deputy Commissioner

BUREAU OF WATER SUPPLY

Michael A. Principe, Ph.D. Deputy Commissioner

BUREAU OF CUSTOMER SERVICES

Denise M. Richardson Deputy Commissioner

BUREAU OF HUMAN RESOURCES

AND ADMINISTRATION

Dana K. Reed Deputy Commissioner