

# NEW JERSEY WATER SUPPLY AUTHORITY



## 2014 ANNUAL REPORT AND THE COMPREHENSIVE ANNUAL FINANCIAL REPORT FOR THE YEARS ENDED JUNE 30, 2014 and 2013



Government Finance Officers Association

**Certificate of  
Achievement  
for Excellence  
in Financial  
Reporting**

Presented to

**New Jersey  
Water Supply Authority**

For its Comprehensive Annual  
Financial Report  
for the Fiscal Year Ended

**June 30, 2013**

Executive Director/CEO

NEW JERSEY WATER SUPPLY AUTHORITY

# 2014 ANNUAL REPORT

AND THE

COMPREHENSIVE ANNUAL FINANCIAL REPORT

A COMPONENT UNIT  
OF THE STATE OF NEW JERSEY



FOR THE YEARS ENDED  
JUNE 30, 2014 AND 2013

Prepared by:  
Finance and Accounting Staff

Henry S. Patterson  
Executive Director

# 2014 Annual Report

**Governor**  
Chris Christie



## Authority Members

Bob Martin  
Chair

Steven J. Picco  
Vice Chair  
Chair, Audit Committee

Shing-Fu Hsueh  
Secretary  
Chair, Insurance Committee

Louis C. Mai  
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Chair, Finance Committee

Susan Blew  
Chair, Watershed Lands Acquisition Committee  
Chair, Personnel Committee

Robert J. Iacullo  
Chair, Public Participation Committee

Ellsworth Havens  
Chair, Capital Projects Committee

## Staff

Henry S. Patterson  
Executive Director

Helene P. Chudzik, Esq.  
Sr. Deputy Attorney General

## 2015 Monthly Meetings

The 2015 Monthly Meetings of the New Jersey Water Supply Authority are scheduled to be held in the Conference Room of the Authority's Clinton Administration Building, 1851 Highway 31, Clinton, New Jersey, unless otherwise indicated, beginning at 2:00 p.m. on the following Mondays:

January 5, 2015

February 2, 2015

March 2, 2015

April 6, 2015

May 4, 2015

June 1, 2015 (Canal Office)

July 6, 2015 (Canal Office)

August 3, 2015 (Manasquan Office)

September 14, 2015

October 5, 2015

November 2, 2015

December 7, 2015

The period from 12:00 p.m. to 2:00 p.m. on the above dates is set aside, as needed, for separate Committee meetings of the Personnel, Finance, Capital Projects and other Committees of the Authority.

*Cover*

*February 2014 a Snowy Owl at the Spruce Run Reservoir.*

The New Jersey Water Supply Authority was created on October 7, 1981 (P.L. 1981, c. 293) to operate, on a self-supporting basis, the existing State water supply facilities and to develop future State water supply projects as recommended in the State Water Supply Master Plan. The Authority's Spruce Run/Round Valley Reservoirs System and the Delaware and Raritan Canal Water Transmission Complex (the Raritan Basin System), provides the basic source of water supply to a number of public and private water utilities serving more than 1,500,000 people in central New Jersey. The Manasquan Water Supply System in Monmouth County commenced delivery of this new surface water supply to a number of public and private water utilities, serving more than 250,000 people in the Monmouth County area, on July 1, 1990. Under agreement with the Southeast Monmouth Municipal Utilities Authority, the Authority also operates and maintains a four million gallon per day water treatment plant and distribution system for five municipalities in Monmouth County.

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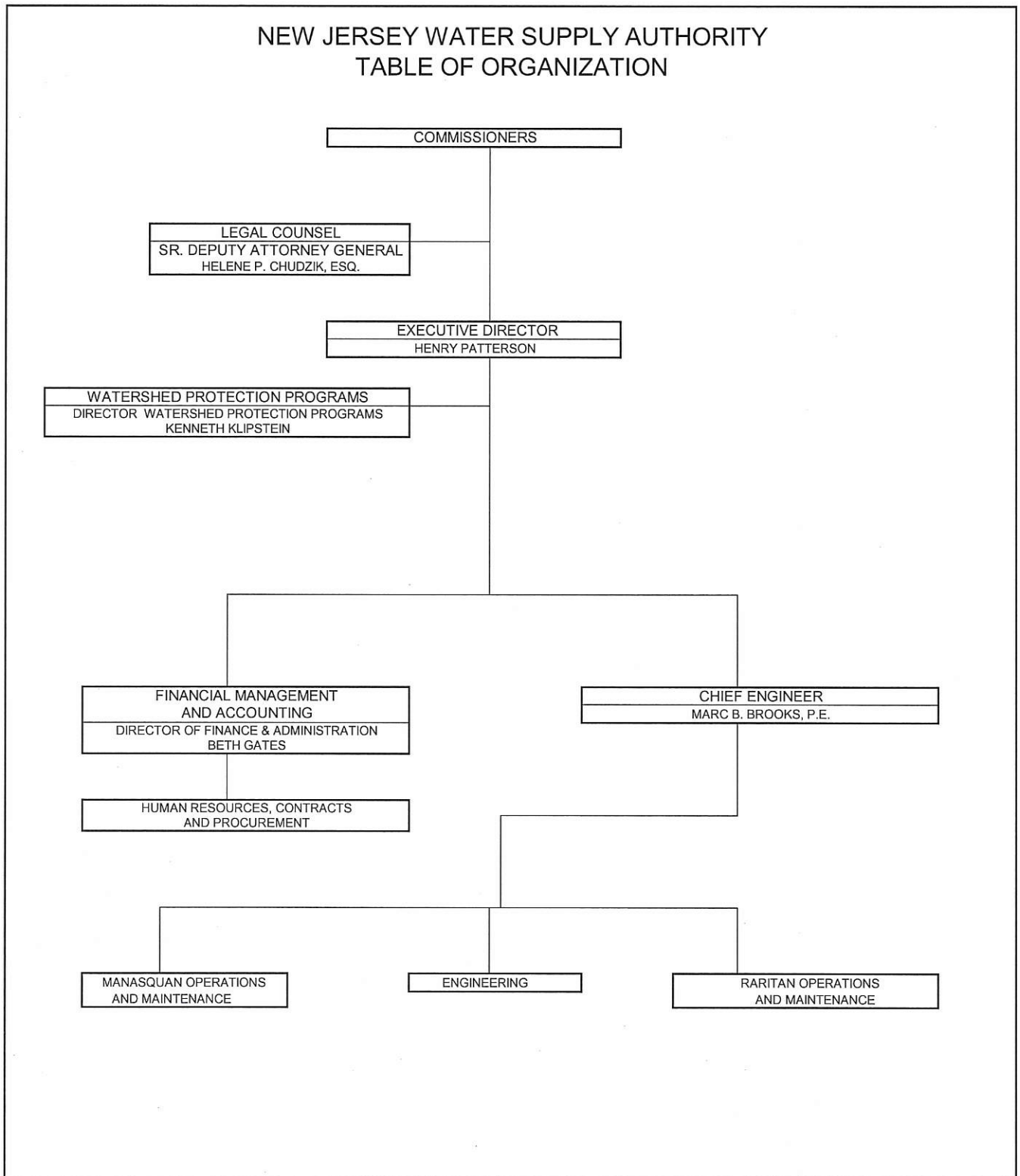
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# NEW JERSEY WATER SUPPLY AUTHORITY TABLE OF ORGANIZATION



## Letter to Governor and Legislature

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### NEW JERSEY WATER SUPPLY AUTHORITY

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February 2015

#### **To the Honorable Chris Christie, Governor and Members of the New Jersey Legislature**

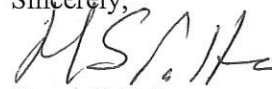
I am pleased to submit the 33<sup>rd</sup> Annual Report of the New Jersey Water Supply Authority. The Authority was created on October 7, 1981 (P.L. 1981, c.293) and was established in but not of the Department of Environmental Protection of the State of New Jersey. The "New Jersey Water Supply Authority Act" under N.J.S.A. 58:1 B-20 calls for the Authority to publish an Annual Report of its finances on or before the last day of February for the preceding calendar year. This report contains the Authority's Independent Auditors' Report, and all required reporting to be in compliance with Executive Order No. 37 (2006), for FY2014.

A formal inspection conducted by an outside consultant occurs every third year and was completed for the Spruce Run and Round Valley Reservoirs in early October 2013. As part of the dam inspection, the Authority convened a Technical Review Board (TRB) to discuss the conditions of the Spruce Run and Round Valley embankments. Both facilities were constructed in the 1960s. The Spruce Run Dam was constructed on a limestone foundation. Dams constructed on limestone foundations require special treatment and monitoring. Two previous TRBs were convened in the 1980s to evaluate the conditions at the Spruce Run Dam. No similar TRBs have evaluated the embankments at Round Valley Reservoir. The current TRB recommended the installation of additional instrumentation at Spruce Run and Round Valley facilities to monitor the phreatic (saturation) line through the embankments and evaluation of the material used to construct the embankments. Installation of the additional piezometers which measure water pressure began in early September 2014. Once the additional instruments are completed and the initial data obtained and evaluated, the TRB will be reconvened to perform an evaluation referred to as a Probable Failure Mode Analysis (PFMA). A PFMA is a common analysis in the dam safety community and analyzes construction and performance records of an embankment. It is anticipated that the PFMA will be conducted in the spring of 2015.

Efforts are continuing to develop a plan for dredging the 10.5 mile reach of the Canal between Lincoln Highway (Route 27) and Amwell Road in Franklin Township, Somerset County. Bathymetric (underwater) surveys of the area show that approximately 7,300 tons of debris and 16,400 tons of submerged aquatic vegetation may need to be removed prior to the Canal dredging of approximately 250,000 yards of sediment. Sediment will be removed through hydraulic dredging and pumping to a staging area before it is hauled to a beneficial reuse facility. Permitting and other issues have delayed the planned construction activity until 2017.

The Authority was presented with the "Certificate of Achievement for Excellence in Financial Reporting Award" from the Government Finance Officers Association for FY2013, our 22<sup>nd</sup> consecutive award.

Sincerely,



Henry S. Patterson  
Executive Director

## Operations - Raritan System

A storm on April 30, 2014 caused damage to the Canal embankment in South Bound Brook Borough, Somerset County where the Canal runs directly adjacent to the Raritan River. The river overtopped the embankment scouring the embankment in numerous places. A breach of approximately 25 feet occurred on May 1<sup>st</sup> in the embankment immediately down-Canal of the South Bound Brook Spillway draining the Canal in the reach between the Ten Mile Lock and the South Bound Brook Lock. This situation necessitated retaining a contractor and engineer on an emergency basis to restore flow to the down-Canal water users. Emergency repairs started immediately and were completed by early June.



Through cooperation of the water purveyors in the Eastern section of the Canal, the permitting agencies and the timely response by staff, no disruption of service was experienced by any purveyor during the emergency.

A dry late summer and fall in the Raritan River Basin has dropped storage levels in both the Spruce Run and Round Valley Reservoirs to below average.

## Operations - Manasquan System

No significant weather events affected the operations and maintenance of the facilities in 2014. Despite cold weather in January, all pumping equipment was kept operational with the recently completed enclosure of the Intake Pumping Station. Evenly spaced rainfall in the Manasquan Reservoir basin kept storage at historic average levels through mid - August. Furthermore the normal levels resulted in good water quality in the reservoir in that no major algae growths occurred during the year. The reservoir was used as the sole supply for one month starting in mid - August while electrical cable replacement to the intake pump station was undertaken. This resulted in the reservoir dropping 10 percent below historic average for a period of time. Analysis and efficiency testing on large mechanical equipment during the year found most equipment to be in good operating condition. Testing and overhauls to some of the major electrical switchgear was also completed during the year.

As stated above, 20,000 feet of high voltage electrical cable that runs underground to the intake pump station was replaced in August and September. A portion of the roof over the administration building was also replaced.

## Dam Inspections

In accordance with State Dam Safety regulations, Authority staff conducted the Annual dam inspection at the Manasquan Reservoir on June 17, 2014. The dam and dikes were characterized as “satisfactory” and only minor routine repairs were recommended. Satisfactory rating is defined as “No existing or potential dam safety deficiencies are recognized. Acceptable performance is expected under all applicable loading conditions (static, hydrologic, seismic) in accordance with the applicable regulatory criteria. Minor maintenance

items may be required.” A formal dam inspection at the Manasquan Reservoir using an outside engineering consultant is planned for 2015.

The 2013 inspection at the Spruce Run and Round Valley Reservoirs was a formal inspection conducted by an outside consultant in early October. As part of the dam inspection, the Authority convened a Technical Review Board (TRB) to discuss the conditions of the Spruce Run and Round Valley embankments. Both facilities were constructed in the 1960’s. The Spruce Run Dam was constructed on a limestone foundation. Dams constructed on limestone foundations require special treatment and monitoring. Two previous TRBs were convened in the 1980’s to evaluate the conditions at the dam. No similar TRBs have evaluated the embankments at Round Valley Reservoir. The TRB recommended the installation of additional instrumentation at both facilities to monitor the phreatic line through the embankments and evaluation of the material used to construct the embankments. This work is ongoing. Once the additional instruments are completed and the initial data obtained and evaluated, the TRB will be reconvened to perform an evaluation referred to as a Probable Failure Mode Analysis (PFMA). A PFMA is a common analysis in the dam safety community and looks at construction and performance records of an embankment. It is anticipated that the PFMA will be conducted in the spring of 2015.



Authority staff conducted the 2014 annual inspection on September 19, 2014 in conformance with New Jersey Dam Safety regulations. The embankments were characterized as “fair.” A “fair” rating is defined in the Dam Safety regulations as “acceptable performance is expected under all required loading conditions (static, hydrologic, seismic) in accordance with the applicable dam safety regulatory criteria. Minor deficiencies may exist that require remedial action and/or secondary studies or investigations.”

The Authority continued its program of quarterly inspections of the dams, dikes and appurtenances in accordance with the Authority’s Internal Management Program.

### **Operations - Manasquan Water Treatment Plant (MWTP)**

The treatment plant ran continuously throughout 2014 with no major disruptions or treatment issues. Above average rainfall during individual storms in the Manasquan River Basin in August resulted in persistently discolored water in the Manasquan River. Removing this color is costly due to the need for increased chemical feed and treatment residuals. To mitigate this situation, the Authority supplemented the river supply with clearer reservoir water as necessary throughout those time periods.

## Improvements at the MWTP

The Authority developed an asset management plan for the MWTP in 2008. The asset management plan development included a thorough evaluation of the condition of the existing equipment and an analysis of proposed legislation or changes in regulations that could have an impact on plant operations. The asset management plan identified the need to rehabilitate the existing caustic and zinc orthophosphate chemical storage and feed systems. Also to enhance the residuals handling systems through the addition of settling tanks and another drying bed. It identified the need to construct a new two million gallon finished water storage tank and a filter-to-waste system.

A contract for \$6,740,000 was awarded and work on the project began in August 2012. By February 2014 the new facilities were in service and functional. The new equipment and processes have performed well all year. Additional smaller asset replacement projects completed by Authority staff such as fuel leak alarm and delivery systems, replacement of a polymer feed system, replacement air compressors and replacement HVAC equipment are also functioning well. This project was completed in October 2014.

## South Branch Pumping Station Pump Rehabilitation

The South Branch Pumping Station was constructed in 1965 as a part of the Spruce Run/Round Valley Reservoirs Complex in the Raritan River Basin. It is located on the South Branch Raritan River, about three miles downstream from the Spruce Run Reservoir. It is used to pump water from the South Branch Raritan River to the Round Valley Reservoir. Ten pumps, each operated by

a 2,000 HP motor, can transfer up to 350 million gallons per day to the Reservoir through a 3.2 mile long, 108-inch diameter force main.

A program is underway to refurbish the main pumps and motors including replacement of the baseplates. The grout beneath the baseplates has failed and the units are vibrating to the extent that alignment between the pumps and motors cannot be maintained.

Refurbishment of Units #1 and #6 is ongoing and the units should be back in operation early in 2015. Additional units will be refurbished in subsequent years.

## Dredging of the D & R Canal

Flow in the 10.5-mile section of the Canal in Franklin Township, Somerset County between Route 27 and Amwell Road, near Millstone Borough, is being impeded by sediment accumulation. This is compounded by the growth of weeds during the summer months when flow demand is the greatest. The water surface elevation is typically raised during these periods, which causes water to discharge over the lower elevation spillways.

The NJWSA is developing a program to remove up to an estimated 270,000 cubic yards of sediment from the Canal. Development of the program includes a proactive public participation element including meetings with stakeholders along the Canal and a website to keep the public informed about the status of the project. The website can be accessed at [http://www.njwsa.org/html/canal\\_dredging.html](http://www.njwsa.org/html/canal_dredging.html).

The Consultant considered four alternatives for the proposed dredging project; mechanical excavation (in dry), mechanical dredging (in wet), hydraulic dredging with Geobags, and hydraulic dredging with mechanical dewatering. After reviewing the alternatives, hydraulic dredging with either

method of dewatering the sediment was selected as the preferred alternative. The Authority is working to reach an amicable agreement for beneficial reuse of the sediment. The preferred site must receive NJDEP and EPA approvals before it can accept the material.

A Level Two Environmental Impact Document was prepared and the required Public Hearing was held on May 13, 2013. With the uncertainty on the beneficial reuse site and the outstanding permit issues, construction has been pushed back to the 2016 funding cycle with the NJEIFTP.

This project also includes disposal of 45,000 cubic yards of sediment from the US Route 202 temporary stockpile site being used to temporarily stockpile material removed from the Canal as part of the Maintenance Dredging program of the Canal.

Another flow bottleneck is the sediment accumulation in the conduit under the US Route 1 Highway, commonly referred to as the Trenton Freeway. The Authority is working with the NJDOT to develop a program to remove this accumulation.

### **Rehabilitation of the Western Embankment downstream of the Prallsville Lock of the D & R Canal**

The western embankment downstream of the Prallsville Lock has been affected by numerous flooding events in the past decade that caused two full breaches of the embankment in 2005 and 2006, and nearly breached again in 2011 following Tropical Storms Irene and Lee. Both breaches were repaired on an emergency basis to restore flow in the Canal, however a more stable and permanent solution to restore the embankment is desired. The following photographs are indicative of the repairs conducted in

2011. Dense graded aggregate (DGA) was placed by conveyor belt across the Canal since it was unsafe to work from the embankment immediately after the event.



Partial failure of the western embankment in Stockton Borough, Hunterdon County following Tropical Storms Irene and Lee in 2011. Note level of the Delaware River relative the crest of the embankment and the seepage through the embankment. At the peak elevation, the river was only about six inches from overtopping certain sections of the embankment.



Pictured above is the placement of the DGA by conveyor across the Canal. The DGA was used to restore the embankment to prevent a breach. The DGA was compacted as conditions permitted and the crest of the embankment was covered with a liner to reduce erosion caused by precipitation.

The DGA mixed with clay was installed back to the Prallsville Lock, a distance of slightly less than one mile.

Failures of an earth embankment are caused by a variety of reasons including overtopping and seepage through the embankment. The Authority has retained both an engineering and a cultural resources consultant to work together to develop a long term solution to the embankment problems that will be constructible and acceptable to the permitting agencies.

### **Repair of the Embankment near Scudders Falls**

In October 2013, a leak was observed in the embankment near Scudders Falls in Ewing Township, Mercer County. The leak was located directly adjacent to three high pressure natural gas pipeline crossings owned by Williams-Transco. Water was found to be flowing through the embankment at estimated rate of several hundred gallons per minute. The increasing cloudiness of the leaking water indicated that the embankment was being eroded and represented a serious danger that would have caused the embankment

to breach over a short period of time. During inspection, it was noticed that there was a row of steel sheet piling whose top elevation was approximately 12 inches below the normal Canal level.

Within hours of noting the leak, Authority personnel were able to lower the Canal level by 12 inches to bring the water level below the top of the sheet piling. This immediately stopped the embankment leak, alleviated safety concerns and allowed for more detailed inspection and repairs. To further assure the integrity of the embankment in consideration of the leak's proximity to high pressure gas mains, the Authority arranged for Portadam to be installed so that the Canal level could be restored. Following discussions with Williams-Transco, review of the lease and a previous breach of the embankment at this location in 1953, (pictured below) it was determined that Williams-Transco was responsible for the repair. The repair was completed in September 2014.



### **Watershed Protection Programs Unit**

The Watershed Protection Programs Unit continued to produce measurable results in 2014 through the core source water protection programs established in the Raritan and Manasquan River Basins. The

core programs include: a suite of River Friendly Certification Programs that focus on implementing water resource related best practices on the larger land uses such as schools, corporate campuses, golf courses and farms; implementation of watershed scale restoration and protection plans including New Jersey Department of Environmental Protection approved plans for the last 11 miles of the D&R Canal, the Cedar Grove Brook, the Lockatong Creek and the Wickecheoke Creek, the Neshanic River and the Mulhockaway Creek; track down of the sources of seasonal color in the Manasquan River; preservation and stewardship of critical water resource land; and urban stormwater disconnection through community supported actions. Each core program is described below.

*River-Friendly Programs* – Warren Brook Golf Course, the last of the Somerset County courses to enter the program received its well-deserved certification. The Holland Brook School in Readington Township became the first school to receive River Friendly School Certification. The interest in the program continues to grow with one new business and one new school entering the program this year.

*Watershed Scale Implementation* – In 2014 the NJDEP approved a Nutrient TMDL for a large portion of the Raritan Basin. This implementation portion of the document highlighted many of the programs the Authority runs or supports through the Watershed Protection Unit. In 2014 the Authority completed, with the help of community volunteers, a stream bank stabilization project on the Lockatong Creek in Kingwood Township and completed design work and secured permits for the roadside drainage projects in Raritan and Kingwood Townships.

*Manasquan River Seasonal Color* – The Authority and USGS deployed diurnal

monitors throughout the Manasquan Watershed in July 2014 which measures the daytime and nighttime differences in water character. Based on the study results, the source color is basin wide, with the most significant inputs in the upper reaches of the watershed (Dubois Creek area), and in the tributaries between the Squankum and Allenwood gages (including Mill Run, Marsh Bog Brook, and Long Swamp Brook). A plan is in development for a second round of diurnal monitor deployments and color track-down sampling for summer 2015.

*Preservation and Stewardship of Critical Water Resource Land* – In the past year, the Watershed Protection Programs have contributed to the success of many of its land preservation partner's acquisition projects through financial assistance for due diligence costs. The Authority contributed more than \$7,100 toward these costs in support of preserving high value watershed lands. In addition, the Authority contributed more than \$10,000 to support watershed restoration efforts on a 210-acre co-owned property in the South Branch Headwaters region (the South Branch Preserve, formerly known as West King Estates). We also established protocol and began field work on baseline monitoring of all the Authority preserved properties.

*Urban Stormwater disconnection through community supported actions (Rain Barrel & Rain Garden Projects* - 2014 was the second year of the New Jersey Rain Garden Rebate Program, the first program of its type in the State. The Authority also continued to champion a Rain Barrel Rebate Program in Bridgewater Township, and Raritan and Somerville Boroughs. Outreach efforts in support of these urban stormwater initiatives remained strong in target portions of Hunterdon and Somerset Counties. Results for the year include; 23 rain barrel rebates at 15 properties; 25 rain barrels built at Peters Brook workshops; 19 rain barrels built at Franklin Township workshop; 47 rain

barrels built at three workshops in the Neshanic watershed; 34 participant households attended rain garden rebate workshops in Spring 2014, and 23 designs rendered. Nine participants installed 11 rain gardens to date. A Demonstration project of three 400 sq. ft. rain gardens installed in Somerville during October 2014 in partnership with Leadership Somerset and others.

## **Policies and Economic Growth Strategies of the State of New Jersey**

The Highlands Water Protection and Planning Act, N.J.S.A. 13:20-1 et seq. protects drinking water for over 5.4 million people and helps preserve New Jersey's dwindling open space. Approximately 17 percent of the Raritan Basin is in the Highlands, providing nearly all of the water stored in Round Valley and Spruce Run Reservoirs. The Authority's land acquisition program has been suspended temporarily; however, to date, the Authority has committed \$14,852,594 since 2003 to purchase and preserve along with its partners, 3,950 acres within the Raritan Basin. The Authority also has contributed \$967,000 in soft costs and continues to do so in order to assist project partners in closing open space parcels within the basin.

One of the stated goals of the NJDEP is to ensure that adequate, safe and reliable water supplies are provided to the people of the State of New Jersey. Specifically, the State ensures that surface and ground water diversions do not exceed the sustainable yield of available water resources. The Raritan Basin Safe Yield Model was developed based on the results of the Authority's operations model, and the Manasquan Reservoir System Safe Yield Model, currently under development, will be used in support of future water allocation permit applications and System operations.

During 2014, the Authority's operations continued to support the sustainability of

the State's water resources through its operation of the reservoir systems, through managing passing flow requirements at certain stations along the river system, and through continuous maintenance and dredging of the Delaware and Raritan Canal to assure adequate flow and the long-term integrity of that structure.

## **Annual Review of Authority Operations**

Each year during the budget process, senior management of the Authority reviews operations to identify inefficiencies and cost savings which, when implemented, will provide direct benefit to the Authority's customers. During 2014, the Authority undertook several steps to implement cost savings and other measures totaling \$1,604,838. The Authority reviewed staffing levels and determined that no positions would be eliminated during 2014 after eliminating funding from eight vacancies in the prior year. As vacancies occurred in staffing, the Authority made certain that personnel were promoted or hired from outside the Authority into salaries which were lower than the departing incumbent. During FY2014, the Authority filled ten vacancies and saved \$47,147 through exercising this diligence. The Authority did continue to defer management raises for another year for a savings of \$40,000. A review of the general operations and maintenance budget revealed savings of \$153,200 composed of staff training reductions, electrical and heating fuel savings, cutting back on service and maintenance contracts, reducing maintenance and office supplies, and further cutting the travel and tuition aid budgets. The Authority deferred the purchase of capital equipment for a savings of \$188,700. Finally, the Authority undertook a thorough review of its reserves, specifically the Pumping Reserve and the Source Water Protection Reserve and determined that the existing levels of funding were appropriate and utilized \$1,212,938 in reserves to offset the rate impact in 2014.

## Letter of Transmittal - Controller

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### NEW JERSEY WATER SUPPLY AUTHORITY

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October 6, 2014

### Formal Transmittal of the CAFR

#### To the Commissioners of the New Jersey Water Supply Authority

The Comprehensive Annual Financial Report of the New Jersey Water Supply Authority ("Authority") for the year ended June 30, 2014 is submitted herewith. Responsibility for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rests with the Authority. To the best of our knowledge and belief, the enclosed data is accurate in all material respects and are reported in a manner designed to present fairly the Authority's financial position, results of operations, and cash flows in accordance with generally accepted accounting principles. In accordance with these accounting principles, the Authority is a component unit of the State of New Jersey and, as such, is included in the State of New Jersey's Annual Report.

#### Profile of the Government

##### Reporting Entity and its Services

The Authority was created on October 7, 1981 (P.L. 1981, c.293) and was established in but not of the Department of Environmental Protection of the State of New Jersey. This "New Jersey Water Supply Authority Act" established the Authority to acquire, finance, construct, and

operate water systems under certain circumstances, and authorizes the issuance of bonds of the Authority.

The Authority operates three separate systems: the Raritan Basin System, the Manasquan Water Supply System, and the Manasquan Water Treatment Plant and Transmission System. The Manasquan Water Treatment Plant and Transmission System is owned by the Southeast Monmouth Municipal Utilities Authority (SMMUA), and is operated and maintained by the Authority under the terms of an operating agreement. Each of these systems provides sufficient revenues to cover their own operating expenses, and each System's debt service.

A seven member Board of Commissioners governs the Authority. The Authority's Executive Director heads a full-time staff of professional, technical, and operational personnel totaling 126 employees, consisting of 99 employees of the Raritan Basin System and 27 employees of the Manasquan Reservoir System.

The meetings of the Authority are normally scheduled for the first working Monday of each month. Four members of the Authority constitute a quorum at any meeting. Action may be taken, and motions and resolutions adopted by the Authority at any meeting by the affirmative vote of at least four members of the Authority. All meetings held by the Authority are in accordance with the Open Public Meetings Act, which requires that all

meetings of public bodies be open to the public.

### **Accounting System and Budgetary Control**

The Authority's financial statements are prepared in accordance with generally accepted accounting principles. The Authority operates and reports as a single enterprise fund utilizing the accrual basis of accounting. The enterprise fund concept is similar to how private business enterprises are financed and operated. The intent is that the costs of providing service to water users on a continuing basis be financed primarily through user charges.

In an effort to ensure compliance with the Authority's By-Laws and to safeguard its assets, an internal control structure has been developed and implemented by management. The internal control structure is outlined in Accounting Policies and Procedures Manuals maintained by the Authority and include: description of methods, procedures and accounting principles to be followed with explanations and examples of principal transactions; standards setting out authorization levels for expenditure of Authority funds and very specific procedures to follow when executing purchase orders, receiving goods and payment for services; separation of accounts payable and receivable function; limitations on access to the vendor management system; bank reconciliation review; controls over deposits and generation of automated and manual checks. The internal control structure also includes approved organization structures, and approved budgets for capital and operating expenditures.

The Authority's By-Laws also set out standards for procurement, which have been codified in policies and procedures. The standards include a threshold, after which the Board of Directors must approve all

transactions. The Authority is in compliance with Executive Order No. 37 (2006) with respect to procurement, and has amended its procedures to ensure 100 percent compliance.

The discussion of internal controls in the letter of transmittal should include their inherent limitations. At a minimum, consider stating that because the cost of a control should not exceed the benefits to be derived, the objective is to provide reasonable, rather than absolute assurance, that the financial statements are free of any material misstatements.

To the best of our knowledge and belief, the Authority followed all of its standards, procedures and internal control safeguards for the year in question.

The Authority adopts an annual budget for its operations and establishes water rates accordingly.

### **Information Useful in Assessing the Government's Economic Condition**

#### **Financial Position**

The total assets of the Authority as of June 30, 2014 were \$207,068,503 a decrease of 2.03 percent over the previous year's total of \$211,351,406. Capital Assets, net decreased \$2,345,185, or 1.63 percent, from \$143,500,274 to \$141,155,089.

The total of cash, cash equivalents and investments for the Authority decreased \$271,206, or .4 percent, from \$62,324,782 to \$62,053,576. The nominal decrease in this category of asset is associated with normal fluctuations in cash balances and market value adjustments in investments. Current liabilities decreased \$1,370,018, or 12 percent, from \$11,411,225 to \$10,041,207. The decrease is primarily due to a reduction in the current portion of bonds, notes and loans payable. Total Net Positions of the Authority increased \$1,012,034, or .8

percent, from \$120,670,202 to \$121,682,236.

Total Operating Revenues decreased by \$85,258 or less than one percent, from \$25,926,007 to \$25,840,749 due to no change in the rate and no overdraft water billing in the Raritan Basin System. Total Operating Expenses decreased \$1,041,206, or 4.8 percent, from \$21,792,193 to \$20,750,987, because of the end of storm related damages. Non-operating Revenues decreased \$6,680,968 or 92 percent, from \$7,283,979 to \$603,011 reflecting no receipts for storm related damage from FEMA and insurance carriers as in the prior year. Investment Income increased \$165,841, or 83 percent from the previous year. Non-operating expenses increased \$87,753, or two percent, from \$4,592,986 to \$4,680,739 due to an increase from the FASB71 Calculation, and a decrease in the interest component of debt service.

### Independent Audit

In accordance with the "New Jersey Water Supply Authority Act" (P.L. 1981, c.293), before the last day of February, an Annual Report of the Authority's activities of the preceding calendar year is due to the Governor and the Legislature. This Annual Report must include an audit of the Authority's books and accounts. Mercadien, P.C., Certified Public Accountants, was retained to perform an audit of the 2014 Fiscal Year in accordance with Auditing Standards generally accepted in the United States and *Government Auditing Standards* issued by the Comptroller General of the United States. In June 1999, the GASB adopted their Statement No. 34, *Basic Financial Statements—and Management's Discussion and Analysis—for State and Local Governments*. The Authority adopted GASB Statement No. 34 in Fiscal Year 2001, including the Management's Discussion and Analysis ("MD&A"). The

MD&A is considered to be required supplemental data and precedes the financial statements. This letter of transmittal is designed to complement the MD&A and should be read in conjunction with it. The Authority's MD&A can be found immediately following the Report of Independent Auditors'. Mercadien, P.C. reports directly to the Audit Committee of the Board of Commissioners. Mercadien, P.C., also performed, as part of the annual audit, a review of the internal control.

The Authority has previously established rates, and intends to continue establishing rates on the basis of its cash needs in any fiscal year to meet its requirements for Operations and Maintenance Expenses, Debt Service, Capital Fund and the Source Water Component.

### Awards and Acknowledgements

#### *Certificate of Achievement for Excellence in Financial Reporting*

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the New Jersey Water Supply Authority for its Comprehensive Annual Financial Report for the fiscal year ended June 30, 2013. This was the 22<sup>nd</sup> consecutive year that the Authority has achieved this prestigious award.

In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized Comprehensive Annual Financial Report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current Comprehensive Annual Financial Report continues to meet the Certificate of Achievement Program's requirements and

are submitting it to the GFOA to determine its eligibility for another certificate.

### Acknowledgements

The preparation of this report on a timely basis could not be accomplished without the efficient and dedicated services of the Financial and Accounting staff of the New Jersey Water Supply Authority. Any financial report is also only as good as the accounting records that supply its supporting data. The Authority's entire staff deserves recognition for their dedication, perseverance and attention to detail that result in the Authority's records being kept in a manner which reflects credit on the staff as a unit as well as each employee individually.

### Economic Outlook

The continuing economic viability of the Authority is ensured by the water contracts the Authority maintains with our water users. The water users have entered into long-term contracts for a supply of water for their respective systems, which they are authorized to continuously withdraw without interruption, for potable or industrial water supply purposes. During Fiscal Year 2014, the Authority supplied water to 29 contractual customers of the Raritan Basin System, which provided water to approximately 1,500,000 people in central New Jersey, and 13 contractual customers of the Manasquan System, which provides water to approximately 250,000 people in the Monmouth County area. Two customers accounted for approximately 84 percent of total Raritan Basin System operating revenues. Three customers accounted for approximately 82 percent of total Manasquan System operating revenues.

The total sales base for the Raritan Basin System increased slightly to 182.281 million gallons per day for fiscal year 2014, and the

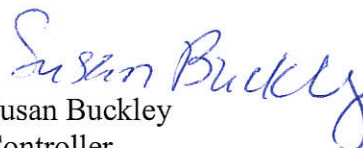
total sales base for the Manasquan Reservoir System was unchanged at 20.560 million gallons per day. We are expecting our major water customers in both Systems to continue to maintain their contractual water allocations in the future. Payments for uninterrupted service are based upon the mgd amount specified in each water user contract, and are payable to the Authority whether or not the water user actually withdraws the full amount of water available as defined in the contract as daily uninterrupted service.



Henry S. Patterson  
Executive Director



Beth Gates  
Director, Finance and Administration



Susan Buckley  
Controller

# Financial Section

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Report of Independent Auditors'

Management's Discussion and Analysis

Basic Financial Statements

Statements of Net Position

Statements of Revenues, Expenses and  
Changes in Net Position

Statements of Cash Flows

Notes to Financial Statements

Combining Statements and Schedules

## INDEPENDENT AUDITORS' REPORT

To the Commissioners of  
New Jersey Water Supply Authority

### Report on the Financial Statements

We have audited the accompanying financial statements of the business-type activities of the New Jersey Water Supply Authority (the "Authority"), a component unit of the State of New Jersey, as of and for the years ended June 30, 2014 and 2013, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the

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MCGLADREY ALLIANCE
- AMERICAN INSTITUTE OF  
CERTIFIED PUBLIC ACCOUNTANTS
- NEW JERSEY SOCIETY OF  
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- NEW YORK SOCIETY OF  
CERTIFIED PUBLIC ACCOUNTANTS
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CERTIFIED PUBLIC ACCOUNTANTS
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## INDEPENDENT AUDITORS' REPORT (CONTINUED)

### Auditors' Responsibility (Continued)

reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the business-type activities of the Authority as of June 30, 2014 and 2013, and the changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

### Emphasis of Matter

As discussed in Note A to the financial statements, in 2013 the Authority adopted new accounting guidance GASB Statement No. 65 – Items Previously Reported as Assets and Liabilities. Our opinion is not modified with respect to this matter.

### Other Matters

#### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 21 through 26 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### *Other Supplementary Information*

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The other accompanying supplementary information which consists of the combining schedule of net position, combining schedule of revenue, expenses and changes in net position, the schedule of changes in cash and investments – Raritan Basin System and the schedule of changes

## INDEPENDENT AUDITORS' REPORT (CONTINUED)

### Other Matters (Continued)

#### *Other Supplementary Information (Continued)*

in cash and investments – Manasquan Water Supply System are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The supplementary information listed above is the responsibility of management and was derived from and relates directly to, the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combining schedule of net position, combining schedule of revenue, expenses and changes in net position, the schedule of changes in cash and investments – Raritan Basin System and schedule of changes in cash and investments – Manasquan Water Supply System are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

### Other Reporting by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our reports dated October 6, 2014, and October 7, 2013, for the years ended June 30, 2014 and 2013, respectively, on our consideration of the Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements and other matters. The purpose of those reports is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. Those reports are an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.

*Mercader, PC*  
*Certified Public Accountants*

October 6, 2014



NEW JERSEY WATER SUPPLY AUTHORITY

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## MANAGEMENT'S DISCUSSION AND ANALYSIS

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Year Ended June 30, 2014

This section of the Annual Financial Report of the New Jersey Water Supply Authority (the "Authority"), a Component Unit of the State of New Jersey, presents discussion and analysis of the Authority's financial performance during the fiscal year ended June 30, 2014. Please read it in conjunction with the Authority's basic financial statements and accompanying notes.

### FINANCIAL HIGHLIGHTS

- Operating revenue for fiscal year 2014 was \$25.8 million, a decrease over fiscal year 2013, which was the result of a 1.17% decrease in Raritan, and a .93% decrease in Manasquan sales. In the Raritan Basin System, there was no change in the rate at \$231.00 per million gallons, and the sales base increased .04%, from 182.207 million gallons per day ("mgd") to 182.281mgd. In the Manasquan Reservoir System, there was no change in the rate at \$1,015.90 per million gallons. The fiscal year 2014 sales base remained the same at 20.560mgd.
- Unrestricted cash and cash equivalents for fiscal year 2014 were \$37.3 million, a decrease of 11.19% from fiscal year 2013. Income from operations increased for the Raritan System 196.19% and decreased .83% for the Manasquan System.
- Total liabilities for fiscal year 2014 were \$85.4 million. This is a decrease of 5.84% from fiscal year 2013. The Authority continues to pay down long-term debt in both systems.
- Total operating expenses for fiscal year 2014 decreased to \$20.8 million, which represents a 4.78% decrease from fiscal year 2013. Payroll decreased .06% because of turnover savings from temporarily vacant positions. Direct operations and maintenance expenses decreased 17.76% to \$5.1 million because there were no extraordinary storm related expenses incurred during fiscal year 2014 in comparison to Superstorm Sandy in fiscal year 2013 and Tropical Storms Irene and Lee in fiscal year 2012.
- Other changes for fiscal year 2014 include the following: non-operating revenue decreased 91.72% to \$603,011; investment income increased 82.57% because of additional investments and cash was placed into long term investments. The receipt of grant program reimbursement decreased 39.02% from the previous year, and other income decreased substantially, since no additional FEMA and insurance proceeds were received.
- Non-operating expenses for fiscal year 2014 increased 1.91% to \$4.68 million. The interest component of debt service decreased 13.81% with the continued pay-down of the system debt. There was an increase in the reduction in costs to be recovered from future revenue, and the change in the rate model is outlined in Note 2 to the basic financial statements.



NEW JERSEY WATER SUPPLY AUTHORITY

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**MANAGEMENT'S DISCUSSION AND ANALYSIS**


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Year Ended June 30, 2014

OVERVIEW OF THE FINANCIAL STATEMENTS

The annual financial report consists of two parts: Management's Discussion and Analysis (this section) and the financial statements. The Authority is a self-supporting entity and follows enterprise fund accounting. The enterprise fund concept is similar to the manner in which private business enterprises are financed and operated. The Authority presents its financial statements on the accrual basis of accounting. The statements offer short and long-term financial information about the activities and operations of the Authority. The intent is that the costs of providing service to water users on a continuing basis are financed primarily through user charges. The Authority has established certain restricted "funds or accounts," as directed by internal resolution and bond indentures. In an effort to ensure compliance with the Authority's by-laws and to safeguard its assets, internal controls have been developed and implemented by management. These internal controls include policies, procedures, approved organizational structures and approved budgets for capital and operating expenditures.

FINANCIAL ANALYSIS OF THE AUTHORITY

The Authority's total net position was approximately \$121.7 million as of June 30, 2014. In fiscal year 2014, total assets decreased 2.03% to \$207 million due to a 118% decrease in costs to be recovered from future revenues, and total liabilities decreased 5.84% to \$85.4 million, due to the continued pay down of long-term debt. Total net position as of June 30, 2013, was approximately \$121 million. Total assets at June 30, 2013 increased 0.98% to \$211.4 million, and total liabilities decreased 4.94% to \$90.7 million. Changes in assets, liabilities and net position at June 30, 2014, 2013 and 2012, are summarized in the following table:

	2014	2013*	2012*	Percentage Change 2014-2013
Current assets	<b>\$54,358,804</b>	\$62,645,309	\$56,891,435	(13.23)%
Capital assets, net	<b>141,155,089</b>	143,500,274	143,988,686	(1.63)
Other non-current assets	<b>11,554,610</b>	5,205,823	8,268,824	1.22
Total assets	<b>207,068,503</b>	211,351,406	209,238,945	(2.03)
Long-term debt	<b>75,345,060</b>	79,269,979	84,061,155	(4.95)
Other liabilities	<b>10,041,207</b>	11,411,225	11,332,395	(12.01)
Total liabilities	<b>85,386,267</b>	90,681,204	95,393,550	(5.84)
Net position invested in				
capital assets, net of related debt	<b>87,589,285</b>	83,560,654	78,090,867	4.82
Restricted	<b>9,084,491</b>	12,126,909	11,924,238	(25.09)
Unrestricted	<b>25,008,460</b>	24,982,639	23,830,290	0.10
Total net position	<b>\$121,682,236</b>	\$120,670,202	\$113,845,395	0.84

\*Certain balances have been reclassified to conform to current year presentation.



NEW JERSEY WATER SUPPLY AUTHORITY

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**MANAGEMENT'S DISCUSSION AND ANALYSIS**

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Year Ended June 30, 2014

OPERATING ACTIVITIES

The Authority operates three separate systems: the Raritan Basin System, the Manasquan Water Supply System, and the Manasquan Water Treatment Plant and Transmission System. The Manasquan Water Treatment Plant and Transmission System is owned by the Southeast Monmouth Municipal Utilities Authority, which sets the rates, and is operated and maintained by the Authority under the terms of an operating agreement. Each system must generate sufficient revenue each year to cover its own operating expenses and debt service. The following rates were adopted at the July 2014 and April 2013 Authority meetings, respectively, based on anticipated operating expenses:

	<u>Rate</u> <u>7/01/2014</u>	<u>Rate</u> <u>7/01/2013</u>	<u>Percent</u> <u>Change</u>
Raritan Basin System	\$ 231.00/mg	\$ 231.00/mg	-%
Manasquan Water Supply System			
Initial users	\$1,015.90/mg	\$1,015.90/mg	-%
Delayed water users	\$1,168.49/mg	\$1,168.49/mg	-%

The Authority's total operating revenue for fiscal year 2014 was \$25.8 million, a decrease of .33% from fiscal year 2013, due to a 1.17% decrease in Raritan and a .93% decrease in Manasquan water sales. The Authority's total operating expenses for fiscal year 2014 were \$20.8 million, a decrease of 4.78% from fiscal year 2013, because of a decrease in Raritan O&M expenses. The Authority's total operating revenue for fiscal year 2013 was \$25.9 million, a decrease of .09% from fiscal year 2012. The Authority's total operating expenses for fiscal year 2013 were \$21.8 million, a decrease of 8.89% from fiscal year 2012. The following table summarizes the changes in revenue, expenses and net position between fiscal years 2014, 2013 and 2012:



NEW JERSEY WATER SUPPLY AUTHORITY

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**MANAGEMENT'S DISCUSSION AND ANALYSIS**


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Year Ended June 30, 2014

	2014	2013	2012	Percentage Change 2014-2013
Operating revenue:				
Water sales	\$23,240,511	\$23,430,025	\$23,513,508	(0.81)%
Reimbursement of operating expenses	2,600,238	2,495,982	2,434,806	4.18
Total operating revenue	<u>25,840,749</u>	<u>25,926,007</u>	<u>25,948,314</u>	(0.33)
Non-operating revenue:				
State of New Jersey-Grant Programs	129,293	212,023	416,483	(39.02)
Investment income	366,678	200,837	227,964	82.57
Rental income	59,251	32,931	102,033	79.92
Other income	47,789	6,838,188	2,137,979	(99.30)
Total non-operating revenue	<u>603,011</u>	<u>7,283,979</u>	<u>2,884,459</u>	(91.72)
Total revenue	<u>26,443,760</u>	<u>33,209,986</u>	<u>28,832,773</u>	(20.37)
Operating expenses:				
Payroll	7,062,893	7,113,521	7,352,772	(0.71)
Operations and maintenance	5,132,956	6,241,134	8,501,467	(17.76)
Fringe benefits	4,212,357	4,168,585	3,762,280	1.05
Depreciation	4,342,781	4,268,953	4,301,482	1.73
Total operating expenses	<u>20,750,987</u>	<u>21,792,193</u>	<u>23,918,001</u>	(4.78)
Non-operating expenses:				
Interest component of debt service of the State of New Jersey	1,569,126	1,820,444	2,059,808	(13.81)
Amortization of issuance costs-D&R System Revenue Refunding Bonds, Series 1998	-	-	25,229	-
Bond Discount/Insurance Premium Expense	28,343	28,344	65,319	(.004)
Reduction in costs to be recovered from future revenue	3,083,270	2,744,198	2,547,644	12.36
Total non-operating expenses	<u>4,680,739</u>	<u>4,592,986</u>	<u>4,698,000</u>	1.91
Total expenses	<u>25,431,726</u>	<u>26,385,179</u>	<u>28,616,001</u>	(3.61)
Change in net position	1,012,034	6,824,807	216,772	(85.17)
Net position, beginning of year, as previously reported	120,670,202	114,249,113	114,032,341	5.62
Prior period adjustment	-	(403,718)	-	(100.00)
Net position, beginning of year as restated	<u>120,670,202</u>	<u>113,345,395</u>	<u>114,032,341</u>	5.99
Net position, end of year	<u>\$121,682,236</u>	<u>\$120,670,202</u>	<u>\$114,249,113</u>	.84



NEW JERSEY WATER SUPPLY AUTHORITY

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**MANAGEMENT'S DISCUSSION AND ANALYSIS**


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Year Ended June 30, 2014

**CAPITAL ASSETS AND DEBT ADMINISTRATION**

At June 30, 2014, the Authority had a total of \$141,155,089 invested in the Systems that it operates: \$82,360,765 invested in the Raritan Basin System, and \$58,794,324 invested in the Manasquan System. This total amount represents a 1.63% decrease from last year.

The following table summarizes the changes in capital assets, net of depreciation, between fiscal years 2014, 2013 and 2012:

	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>Percentage Change 2014-2013</b>
Land and land rights	<b>\$25,566,853</b>	\$25,553,880	\$24,290,450	0.05%
Dams	<b>49,801,005</b>	50,598,999	51,396,994	(1.58)
Building, structures and improvements	<b>54,900,182</b>	58,097,172	57,647,267	(5.50)
Machinery and equipment	<b>1,108,356</b>	983,141	1,038,191	12.74
Construction work in progress	<b>9,778,693</b>	8,267,082	9,615,784	18.28
Total capital assets, net	<b><u>\$141,155,089</u></b>	<u>\$143,500,274</u>	<u>\$143,988,686</u>	(1.63)

More detailed information about the Authority's capital assets is presented in Note 3 to the basic financial statements.

The following table summarizes the changes in capital debt between fiscal years 2014, 2013 and 2012:

	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>Percentage Change 2014-2013</b>
Bonds payable	<b>\$30,058,221</b>	\$35,456,893	\$40,607,618	(15.23)%
Notes payable	<b>33,649,796</b>	33,652,337	33,654,736	(.01)
Loans payable	<b>15,420,971</b>	16,393,574	17,198,649	(5.93)
Total bonds, notes and loans payable	<b><u>\$79,128,988</u></b>	<u>\$85,502,804</u>	<u>\$91,461,003</u>	(7.45)

At year-end, the Authority had \$79,128,988 in bonds, notes and loans principal outstanding, compared to \$85,502,804 at June 30, 2013. This change represents a decrease of 7.45%, as shown in the above table.

More detailed information about the Authority's long-term debt is presented in Note 5 to the basic financial statements.



NEW JERSEY WATER SUPPLY AUTHORITY

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## MANAGEMENT'S DISCUSSION AND ANALYSIS

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Year Ended June 30, 2014

### CURRENT AND NEW BUSINESS

During fiscal year 2014, the Authority supplied water to 29 contractual customers of the Raritan Basin System, who, in turn, supplied water to approximately 1,500,000 people in central New Jersey. Two customers accounted for approximately 84% of total Raritan Basin System operating revenue. Effective July 1, 2014, there was the addition of Eastern Concrete Materials (.023mgd) and a decrease of the uninterruptible water supply contract for Roxbury Water Company from .074mgd to .041mgd. The changes decrease the sales base of the Raritan Basin System to 182.271mgd in fiscal year 2015. In addition, during fiscal year 2014, the Authority provided water to 13 contractual customers of the Manasquan Water Supply System, who provided water to approximately 250,000 people in the Monmouth County area. Three customers accounted for approximately 82% of total Manasquan System operating revenue. Effective July 1, 2014, the total sales base for the Manasquan Reservoir System remains unchanged at 20.560mgd.

### CONTACTING THE AUTHORITY'S FINANCIAL MANAGEMENT

This financial report is designed to provide the water customers, New Jersey citizens, investors and creditors with a general overview of the Authority's finances and to demonstrate the Authority's accountability as a self-supporting entity. If you have questions about this report or need additional financial information, you can contact the New Jersey Water Supply Authority at 1851 Highway 31, P.O. Box 5196, Clinton, New Jersey 08809, (908) 638-6121 or visit our website at [www.njwsa.org](http://www.njwsa.org).

New Jersey Water Supply Authority  
A Component Unit of the State of New Jersey  
Statement of Net Position

	June 30,	
	2014	2013*
<b>Assets</b>		
Current assets:		
Unrestricted assets:		
Cash and cash equivalents	\$37,300,721	\$42,001,799
Unbilled sales	973,953	968,323
Accounts receivable, less allowance for doubtful accounts of \$1,000 at June 30, 2014 and 2013	1,998,218	979,511
Interest receivable	268,335	118,995
Prepaid expenses and other current assets	1,059,762	1,018,480
Costs to be recovered from future revenue	421,629	2,886,478
Total unrestricted current assets	42,022,618	47,973,586
Restricted assets:		
Cash equivalents	4,576,796	2,130,879
Investments	7,759,390	12,540,844
Total restricted current assets	12,336,186	14,671,723
Total current assets	54,358,804	62,645,309
Non-current assets:		
Investments	12,416,669	5,651,260
Costs to be recovered from future revenue	(862,059)	(445,437)
Capital assets, net	141,155,089	143,500,274
Total non-current assets	152,709,699	148,706,097
Total assets	207,068,503	211,351,406
<b>Liabilities</b>		
Current liabilities:		
Current portion of bonds, notes and loans payable	3,783,928	6,232,825
Accounts payable	510,386	283,150
Accrued liabilities	2,495,198	2,350,436
Unearned revenue	3,251,695	2,544,814
Total current liabilities	10,041,207	11,411,225
Non-current liabilities:		
Non-current portion of bonds, notes and loans payable	75,345,060	79,269,979
Total liabilities	85,386,267	90,681,204
<b>Net Position</b>		
Net investment, capital assets	87,589,285	83,560,654
Restricted for repayment of debt principal and interest	9,084,491	12,126,909
Unrestricted	25,008,460	24,982,639
Total net position	\$121,682,236	\$120,670,202

\*Certain balances have been reclassified to conform to current year presentation.

See accompanying notes.

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**New Jersey Water Supply Authority**  
A Component Unit of the State of New Jersey  
**Statement of Revenue, Expenses and Changes in Net Position**

	<b>Year Ended June 30,</b>	
	<b>2014</b>	<b>2013</b>
Operating revenue:		
Water sales	<b>\$23,240,511</b>	\$23,430,025
Reimbursement of operating expenses	<b>2,600,238</b>	2,495,982
Total operating revenue	<b>25,840,749</b>	25,926,007
Operating expenses:		
Payroll	<b>7,062,893</b>	7,113,521
Operations and maintenance	<b>5,132,956</b>	6,241,134
Fringe benefits	<b>4,212,357</b>	4,168,585
Depreciation	<b>4,342,781</b>	4,268,953
Total operating expenses	<b>20,750,987</b>	21,792,193
Income from operations	<b>5,089,762</b>	4,133,814
Non-operating revenue:		
State of New Jersey – Grant Programs	<b>129,293</b>	212,023
Investment income	<b>366,678</b>	200,837
Rental income	<b>59,251</b>	32,931
Other income	<b>47,789</b>	6,838,188
Total non-operating revenue	<b>603,011</b>	7,283,979
Non-operating expenses:		
Interest component of debt service to the State of New Jersey	<b>1,569,126</b>	1,820,444
Bond Discount/Insurance Premium Expense	<b>28,343</b>	28,344
Reduction in costs to be recovered from future revenue	<b>3,083,270</b>	2,744,198
Total non-operating expenses	<b>4,680,739</b>	4,592,986
Change in net position	<b>1,012,034</b>	6,824,807
Net position, beginning of year, as previously reported	<b>120,670,202</b>	114,249,113
Prior period adjustment	-	(403,718)
Net position, beginning of year, as restated	<b>120,670,202</b>	113,845,395
Net position, end of year	<b>\$121,682,236</b>	\$120,670,202

*See accompanying notes.*

New Jersey Water Supply Authority

A Component Unit of the State of New Jersey

Statement of Cash Flows

	<b>Year Ended June 30,</b>	
	<b>2014</b>	<b>2013</b>
<b>Cash flows from operating activities</b>		
Cash received from water sales	\$22,170,246	\$23,466,487
Cash received from reimbursable expenses	2,602,176	9,277,750
Cash received from rental income	36,938	35,226
Cash paid to or on behalf of employees	(11,021,532)	(10,967,156)
Cash paid to suppliers	(5,083,185)	(5,605,013)
Net cash provided by operating activities	<u>8,704,643</u>	<u>16,207,294</u>
<b>Cash flows from noncapital financing activities</b>		
Cash received for grant programs	129,293	212,023
Net cash provided by noncapital financing activities	<u>129,293</u>	<u>212,023</u>
<b>Cash flows from capital and related financing activities</b>		
Proceeds from borrowing	-	103,151
Principal paid on bonds, notes and loans	(5,892,070)	(5,185,638)
Interest paid on bonds, notes and loans	(1,650,905)	(1,874,569)
Acquisition and construction of capital assets	(1,806,775)	(717,956)
Proceeds from sale of capital assets	27,270	35,745
Net cash used in capital and related financing activities	<u>(9,322,480)</u>	<u>(7,639,267)</u>
<b>Cash flows from investing activities</b>		
Sale of investment securities	2,238,092	9,163,057
Purchase of investment securities	(4,222,047)	(9,077,888)
Interest received on investments	217,338	200,836
Net cash (used in) provided by investing activities	<u>(1,766,617)</u>	<u>286,005</u>
Net (decrease) increase in cash and cash equivalents	<u>(2,255,161)</u>	<u>9,066,055</u>
Cash and cash equivalents, beginning of year	44,132,678	35,066,623
Cash and cash equivalents, end of year	<u>\$41,877,517</u>	<u>\$44,132,678</u>
Reconciliation of income from operations to net cash provided by operating activities:		
Income from operations	\$5,089,762	\$4,133,814
Adjustments to reconcile income from operations to net cash provided by operating activities:		
Non-cash items expensed to operations and maintenance	59,251	754,636
Cash received for operating activity included in other income	20,519	6,835,374
Depreciation	4,342,781	4,268,953
Increase (decrease) in cash from:		
Unbilled sales	(5,630)	196,703
Accounts receivable	(1,075,897)	(154,564)
Prepaid expenses and other current assets	(41,282)	(119,230)
Accounts payable	93,605	6,187
Accrued liabilities	1,331	(3,964)
Accrued payroll and taxes	220,203	289,385
Net cash provided by operating activities	<u>\$8,704,643</u>	<u>\$16,207,294</u>
<b>Non-cash investing activities</b>		
Decrease in fair value of investments	<u>\$(351,211)</u>	<u>\$(247,472)</u>

See accompanying notes.

# New Jersey Water Supply Authority

## A Component Unit of the State of New Jersey

### Notes to Financial Statements

#### **I. Organization and Operations**

The New Jersey Water Supply Authority (the “Authority”), a Component Unit of the State of New Jersey (the “State”), consisting of the Spruce Run/Round Valley Reservoirs Complex, the Delaware and Raritan Canal Transmission Complex (the “Raritan Basin System”) and the Manasquan Reservoir Water Supply System (the “Manasquan System”), is a public body, corporate and politic, constituted as an instrumentality of the State, exercising public and essential governmental functions. The Authority was created by the New Jersey Water Supply Authority Act (the “Act”) on October 7, 1981, and in connection with the Act, all water supply facilities owned or operated by the State (*i.e.*, *Raritan Basin System*) were transferred or leased to the Authority. The Act empowers the Authority to acquire, finance, construct and operate water systems and issue bonds. Members of the Authority consist of the Commissioner of the New Jersey Department of Environmental Protection (“NJDEP”), *ex officio* member and six public members appointed by the Governor upon the advice and consent of the New Jersey Senate. The public members represent the agricultural community, industrial water users, residential water users, private watershed associations, public finance and water resource management and distribution. The Authority prepares an annual budget that is used to establish rates and as a management tool but the budget does not constitute a legal budget or establish spending limitations.

The Authority does not have component units that should be included within its financial statements.

#### **2. Summary of Significant Accounting Policies**

##### **Basis of Accounting**

The Authority is a component unit of the State of New Jersey and is included in their general purpose financial statements.

The accompanying basic financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America as prescribed by the Governmental Accounting Standards Board (“GASB”).

The Authority derives most of its revenue from water user charges and is considered to be an enterprise fund; accordingly, the Authority presents its financial statements on the accrual basis of accounting. In addition, the Authority has established certain restricted “funds or accounts” as directed by internal resolution and bond indentures.

In its accounting and financial reporting, the Authority follows the pronouncements of the Governmental Accounting Standards Board (“GASB”) and other entities that promulgate accounting principles according to a hierarchy of sources of accounting principles. Per GASB Statement 55, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*, priority is established as to which source of accounting principles to utilize in determining proper accounting treatment. The hierarchy is as follows: GASB Statements and Interpretations; GASB Technical Bulletins; American Institute of Certified Public Accountants (“AICPA”) Industry Audit and Accounting Guides and AICPA Statements of Position, if

New Jersey Water Supply Authority  
A Component Unit of the State of New Jersey  
Notes to Financial Statements

applicable and cleared by GASB; AICPA Practice Bulletins, if applicable and cleared by GASB; Implementation Guides published by GASB; AICPA pronouncements that are not specifically applicable to state and governmental entities; Financial Accounting Standards Board (“FASB”) Statements and Interpretations; and Accounting Principles Board Opinions and Accounting Research Bulletins of the Committee on Accounting Procedure (issued on or before November 30, 1989). The Authority has elected not to follow FASB pronouncements issued after November 30, 1989. The Authority follows the hierarchy in determining accounting treatment.

**Revenue**

Charges for wholesale water usage are established to provide revenue sufficient for services, essential repairs and improvements to the utility plant, and repayment of debt service on certain long-term obligations used for plant construction. Sales are recognized as revenue when water is made available to customers, and the customers are billed in the following month or quarter.

The Authority distinguishes operating revenue and expenses from non-operating items. Operating revenue and expenses result from the sale of water to customers. Operating expenses include costs of providing water, administrative expenses and depreciation on capital assets. All revenue and expenses not meeting this definition are reported as non-operating revenue and expenses.

**Capital Assets**

Capital assets are stated at original cost and consist primarily of amounts expended to license, construct, acquire, complete and place into operation the projects of the Authority. Capital assets are defined by the Authority as assets with an initial, individual cost of more than \$1,000 and an estimated useful life in excess of three years. Such expenditures include labor, materials, services and indirect costs. Normal maintenance and repair costs are charged to operations and maintenance expense. Improvements and replacements are capitalized. Interest earned on long-term debt proceeds used for capital asset construction and temporarily invested during the construction period is netted against interest cost. The excess, if any, is capitalized to construction work in progress, and the portion related to completed projects is expensed. The cost of capital assets retired, net of any gain or loss on the disposal of such capital assets, is offset to accumulated depreciation. The Authority also holds several restricted easements for utility access, conservation and water rights. These easements are recorded at the lower of cost or fair market value upon acquisition.

**Depreciation**

Capital assets are depreciated on the straight-line basis over the estimated useful lives of the various classes of plant, as follows:

Dams	100 years
Buildings, structures and improvements	15-40 years
D&R canal dredging	20 years
Machinery and equipment	3-10 years

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### **Cash and Cash Equivalents**

For purposes of the statements of cash flows, the Authority considers short-term investments that have original maturities of ninety days or less to be cash equivalents.

### **Investments**

Short-term investments and restricted investments used for construction and payment of interest consist of money market funds and U.S. Government-backed securities with various interest rates. Restricted investments are restricted under the terms of the Authority's bond indentures for the payment of debt service. All investments are carried at fair value, in accordance with GASB Statement No. 31, *Accounting and Financial Reporting for Certain Investments and for External Investment Pools*.

### **Accounts Receivable**

The Authority considers most of its accounts receivable to be collectible; accordingly, the change in net position is charged with an allowance for estimated uncollectible accounts based on past experience and an analysis of current accounts receivable collectability. Accounts deemed uncollectible are charged to the allowance in the year they are deemed uncollectible. At June 30, 2014 and 2013, accounts receivable included amounts due from the New Jersey Environmental Infrastructure Financing Program ("NJEIFP") for \$0 and \$68,131, respectively.

During fiscal years 2014 and 2013, respectively, two customers accounted for approximately 84% of total Raritan Basin System accounts receivable, and five customers accounted for approximately 88% of total Manasquan System accounts receivable.

### **Compensated Absences**

All full-time employees accumulate vacation benefits in varying annual amounts up to a maximum allowable accumulation of two years' benefit. Unused sick leave benefits are earned by all full-time employees at a rate of 15 days per year and may be accumulated without limit. In the event of termination, an employee is reimbursed for all accumulated vacation days. Unused sick leave benefits do not vest but are payable only upon retirement up to a maximum of \$15,000. A liability is accrued in the financial statements when incurred.

### **Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

### **Income Taxes**

The Authority is exempt from federal income taxes under the Internal Revenue Code, Section 115, and from state income taxes under N.J.S.A. 27:25-16, and accordingly, no provision is recorded for federal or state income taxes.

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**Net Position**

Net position represents the difference between assets and liabilities and is classified into three categories:

- *Net Investment, Capital Assets* – This represents capital assets, net of accumulated depreciation, less the outstanding balances of any bonds, notes, or other borrowings that are attributable to the acquisition construction or improvement of those assets.
- *Restricted Net Position* – This represents the net position that is not accessible for general use because its use is subject to restrictions enforceable by third parties. When both restricted and unrestricted resources are available for use, it is the Authority’s policy to use restricted resources first and then unrestricted resources, as they are needed.
- *Unrestricted Net Position* – This represents the net position that is available for general use.

**Costs to be Recovered from Future Revenue**

The Authority’s cost recovery rate model used to establish rates, fees and charges includes an amount for debt principal repayment (but not for depreciation on the related debt financed assets) and also includes vacation amounts paid. In accordance with FASB No. 71, the Authority has deferred the excess of current depreciation on assets financed with debt proceeds over the costs for debt principal repayment and the excess of vacation expense over vacation paid. The deferred costs will be recovered through future revenue in accordance with the rate model. The deferred amount for the years ended June 30, 2014 and 2013, were determined as follows:

	2014	2013
<b>Raritan Basin System</b>		
Cost excluded from rate model:		
Depreciation of debt-financed capital assets recoverable from rate payers	\$835,209	\$835,209
Excess vacation expense over vacation paid	4,430	(16,178)
	839,639	819,031
Cost included in rate model:		
Debt principal repayment	(2,600,000)	(2,465,000)
	(1,760,361)	(1,645,969)
<b>Manasquan System</b>		
Cost excluded from rate model:		
Depreciation of debt-financed capital assets recoverable from rate payers	1,540,854	1,540,854
Excess vacation expense over vacation paid	577	(2,874)
	1,541,431	1,537,980
Cost included in rate model:		
Debt principal repayment	(2,662,541)	(2,527,398)
	(1,121,110)	(989,418)
Total Raritan Basin and Manasquan	(2,881,471)	(2,635,387)
Balance, beginning of year	2,441,041	5,076,428
Balance, end of year	\$(440,430)	\$2,441,041

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As shown in the statements of revenue, expenses and changes in net position for the years ended June 30, 2014 and 2013, respectively, the costs to be recovered from future revenue of \$3,083,270 and \$2,744,198 includes a debit balance of \$196,792, and a debit balance of \$127,863 of Manasquan Water Treatment Plant deferred revenue, which is not part of the rate model, and does not include a credit balance of \$5,007 and a debit balance of \$19,052 of accrued vacation.

**Accounting for Southeast Monmouth Municipal Utilities Authority Agreement**

The Authority operates and maintains a Water Treatment Plant/Transmission System for the Southeast Monmouth Municipal Utilities Authority (“SMMUA”). The SMMUA is charged for budgeted operating expenses expected to be incurred by the Authority during the SMMUA’s fiscal year (January 1 through December 31).

Because of the difference resulting from billing the SMMUA for budgeted expenses versus actual expenses appearing in the financial statements, the Authority includes unearned costs (actual costs exceeding SMMUA billings) or unearned revenue (SMMUA billings exceeding actual costs) in its statement of net position. These excess costs or billings will be recovered or recognized in future periods. As of June 30, 2014 and 2013, unearned revenue amounting to \$1,589,003 and \$1,392,211, respectively, was determined as follows:

	<b>2014</b>	<b>2013</b>
Reimbursement of operating expenses	<b>\$2,602,762</b>	\$2,497,601
Operating expenses	<b>2,405,970</b>	2,369,738
Unearned revenue	<b>196,792</b>	127,863
Balance, beginning of year	<b>1,392,211</b>	1,264,348
Balance, end of year	<b><u>\$1,589,003</u></b>	<b><u>\$1,392,211</u></b>

During the fiscal years ended June 30, 2006 and 2005, the Authority received \$39,966 and \$191,877, respectively. These funds are restricted for use by the SMMUA for costs associated in operating the Water Treatment Plant. As of June 30, 2014 and 2013, the amount included in unearned revenue was \$1,662,692, and \$1,152,603, respectively.

**Accounting for Watershed Protection Program**

For the fiscal years ended June 30, 2014 and 2013, the Authority received \$126,344 and \$224,893, respectively, from the NJDEP for the costs associated with various watershed protection studies of the Raritan Basin System. These funds are restricted to uses specifically identified in grant agreements between the Authority and NJDEP and will be recognized as revenue as the related costs are incurred. Eligible project expenses include, but are not limited to, the cost of mapping out streams and other water sources and studying and implementing best land use practices to improve water quality. As of June 30, 2014, all the funds received had been recognized as revenue.

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**Other Post-Employment Benefits (“OPEB”) Other than Pensions**

On July 1, 2007, the Authority implemented GASB No. 45, which covers accounting and financial reporting requirements for government employers, that provide post-employment benefits other than pensions. Since the Authority participates in the State’s multiple-employer cost-sharing plan (Public Employees' Retirement System “PERS”), the Authority's portion of this liability and cost is calculated and recorded at the State level and included in the State's Comprehensive Annual Financial Report. The Authority records OPEB expense based on billings from the State PERS. Required financial statement disclosures are included in Note 6 of these financial statements.

**3. Capital Assets**

Capital assets activity for the years ended June 30, 2014 and 2013, was as follows:

	<b>2014 Beginning Balance</b>	<b>Additions</b>	<b>Retirements</b>	<b>2014 Ending Balance</b>
Capital assets not being depreciated:				
Land	\$25,553,880	\$ 12,973	\$ -	\$25,566,853
Construction work in progress	8,267,082	1,511,611	-	9,778,693
Total capital assets not being depreciated	33,820,962	1,524,584	-	35,345,546
Capital assets being depreciated:				
Dams	77,369,160	-	-	77,369,160
Building, structures and improvements	130,138,986	39,349	(82,706)	130,095,629
D & R canal dredging	21,160,274	-	-	21,160,274
Machinery and equipment	6,263,667	433,663	(133,248)	6,564,082
Total capital assets being depreciated	234,932,087	473,012	(215,954)	235,189,145
Less accumulated depreciation for:				
Dams	(26,770,161)	(797,994)	-	(27,568,155)
Building, structures and improvements	(72,041,815)	(3,236,339)	82,706	(75,195,448)
D & R canal dredging	(21,160,273)	-	-	(21,160,273)
Machinery and equipment	(5,280,526)	(308,448)	133,248	(5,455,726)
Total accumulated depreciation	(125,252,775)	(4,342,781)	215,954	(129,379,602)
Total capital assets, being depreciated, net	109,679,312	(3,869,769)	-	105,809,543
Total capital assets, net	\$143,500,274	\$(2,345,185)	\$ -	\$141,155,089

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	<b>2013 Beginning Balance</b>	<b>Additions</b>	<b>Retirements</b>	<b>2013 Ending Balance</b>
Capital assets not being depreciated:				
Land	\$24,290,450	\$1,263,430	\$ -	\$25,553,880
Construction work in progress	9,615,784	2,957,817	(4,306,519)	8,267,082
Total capital assets not being depreciated	33,906,234	4,221,247	(4,306,519)	33,820,962
Capital assets being depreciated:				
Dams	77,369,160	-	-	77,369,160
Building, structures and improvements	126,574,124	3,589,214	(24,352)	130,138,986
D & R canal dredging	21,160,274	-	-	21,160,274
Machinery and equipment	6,206,788	285,688	(228,809)	6,263,667
Total capital assets being depreciated	231,310,346	3,874,902	(253,161)	234,932,087
Less accumulated depreciation for:				
Dams	(25,972,166)	(797,995)	-	(26,770,161)
Building, structures and improvements	(68,926,858)	(3,139,309)	24,352	(72,041,815)
D & R canal dredging	(21,160,273)	-	-	(21,160,273)
Machinery and equipment	(5,168,597)	(331,649)	219,720	(5,280,526)
Total accumulated depreciation	(121,227,894)	(4,268,953)	244,072	(125,252,775)
Total capital assets, being depreciated, net	110,082,452	(394,051)	(9,089)	109,679,312
Total capital assets, net	\$143,988,686	\$3,827,196	\$(4,315,608)	\$143,500,274

#### 4. Cash, Cash Equivalents, and Investments

New Jersey statutes permit the deposit of public funds in the State of New Jersey Cash Management Fund (“NJCMF”) or in institutions located in New Jersey that are insured by the Federal Deposit Insurance Corporation (the “FDIC”) or by any other agencies of the United States that insure deposits. All funds of the Authority may be invested in obligations of, or guaranteed by, the U.S. Government.

The Authority’s bond resolutions limit the investment of restricted assets to obligations of the U.S. Government or its agencies, investments in certain certificates of deposit of commercial banks that are members of the Federal Reserve System, investments in the NJCMF and direct and general obligations of any state that meets the minimum requirements of the resolution.

##### a. Cash

As of June 30, 2014 and 2013, the Authority’s bank balance was 3,065,674 and \$4,483,866, respectively, of which \$250,000 was covered through the FDIC. The remaining balance of \$2,815,674 and \$4,233,866 as of June 30, 2014 and 2013, respectively, was collateralized, and the cash balance per the statement of net position is shown exclusive of outstanding checks totaling \$47,922 and \$1,086,268, respectively. The statement of net position amount includes petty cash totaling \$300, respectively as of June 30, 2014 and 2013.

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b. Custodial Credit Risk – Deposits

Custodial credit risk is the risk that, in the event of a bank failure, the Authority's deposits may not be returned. The Authority does not have a deposit policy for custodial credit risk. The Authority's bank balance of \$3,065,674 and \$4,483,866 as of June 30, 2014 and 2013, respectively, was exposed to custodial credit risk as follows:

	2014	2013
Uninsured and uncollateralized	\$ -	\$ -

c. Investments and Cash Equivalents

The Authority does not have a policy to limit interest rate risk; however, its practice is to hold investments to maturity.

As of June 30, 2014, the Authority had the following investments and cash equivalents, and maturities:

Investment and Cash Equivalent Type	Fair Value	<u>Investment Maturities (In Years)</u>	
		Less Than 1	1-5
U.S. Treasuries	\$46,618,855	\$46,618,855	\$ -
NJ G/O Bonds	12,416,669	-	12,416,669
Total	\$59,035,524	\$46,618,855	\$ 12,416,669

As of June 30, 2013, the Authority had the following investments and cash equivalents, and maturities:

Investment and Cash Equivalent Type	Fair Value	<u>Investment Maturities (In Years)</u>	
		Less Than 1	1-5
U.S. Treasuries	\$50,511,178	\$50,511,178	\$ -
NJ G/O Bonds	5,651,260	-	5,651,260
U.S. Agencies (Federal National Mortgage Association)	2,764,446	2,764,446	-
Total	\$58,926,884	\$53,275,624	\$5,651,260

**Credit and Custodial Credit Risk**

In order to limit exposure to credit risk, the Authority follows the investment policies set forth by the NJCMF. These policies allow investment in securities that achieve a certain rating from the three major ratings organizations as determined annually by the governing board of the NJCMF, as well as limiting investments to certain types of marketable securities.

U.S. Treasury notes are explicitly guaranteed by the U.S. government and are not subject to credit risk or custodial credit risk.

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Notes to Financial Statements (continued)**

At June 30, 2013, the Authority held a \$2.7 million dollar investment in U.S. Government (FNMA) backed securities which are not federally insured, and are only implicitly guaranteed by the government. The Authority historically has not experienced any credit-related losses with respect to its investment in FNMA Securities. As of June 30, 2014, the Authority no longer held securities with FNMA.

The Authority entered into an agreement with PNC Bank and TD Bank to collateralize all deposits held at a market rate equal to 102% of the daily combined total of all deposits. As of June 30, 2014, all deposits were collateralized.

d. Investment Income

The following comprises investment income for the years ended June 30, 2014 and 2013, respectively:

	<b>2014</b>	<b>2013</b>
Interest earned on bank accounts and certificates of deposit	\$178,947	\$175,275
Interest earned on securities	538,942	273,034
Increase/(decrease) in fair value of securities	(351,211)	(247,472)
	\$366,678	\$200,837

**5. Bonds, Notes and Loans Payable**

**Manasquan System**

A. Notes due to State of New Jersey

The Authority has a contractual obligation to repay the following debt:

The \$63,600,000 of Manasquan Reservoir Water Supply System State Loan Notes (the “State Loan Notes”) issued June 3, 1987, pursuant to the terms of the State Loan Agreement between the Authority and the State of New Jersey (the “State Loan Agreement”), from monies authorized by the 1981 bond appropriation of \$72,000,000 for construction of the Manasquan System and the \$7,416,000 of Interim Advance Notes issued September 12, 1988, from monies made available from the General Fund of the State to finance completion costs of the Manasquan System. The State Loan Notes and the Completion Loan Notes bear interest at 5.93% and 6.24%, respectively, and are collateralized by the property and revenues of the Manasquan System.

In accordance with the terms of the State Loan Agreement, the State Loan Notes are classified as either Current Debt Service Portion Notes (“Current Notes”) or Deferred Debt Service Portion Notes (“Deferred Notes”). Principal of the Deferred Notes will be discharged solely by exchange for Current Notes or by the expiration of a period of forty years from the date of their issuance, which was June 3, 1987. The Deferred Notes must be exchanged for Current Notes on a pro rata basis to the extent that the Authority enters into additional long-term contracts to sell water from the Manasquan System on an annual basis. Such Current Notes are payable over a thirty-year period commencing from such date as is defined in the State Loan.

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Interest on the Deferred Notes accreted as principal through July 31, 1993, and is not payable until they have been exchanged for Current Notes. The interest that accreted as principal through July 31, 1990, accrued interest; however, the interest that accreted for the period from August 1, 1990 through July 31, 1993, did not accrue interest. The accretion of interest to the principal amount for the Current Notes and the Deferred Notes is \$25,563,184 at June 30, 2014 and 2013.

At June 30, 2014 and 2013, the State Loan Notes and Completion Notes are summarized as follows:

<b>State Loan Notes</b>	2014	2013
Current Notes	\$74,947	\$77,251
Deferred Notes	30,365,115	30,365,115
<b>Completion Notes</b>		
Current Notes	7,957	8,194
Deferred Notes	3,201,777	3,201,777
	<u>\$33,649,796</u>	<u>\$33,652,337</u>

**B. Manasquan Reservoir Water Supply System Revenue Bonds, Series 2005**

On August 5, 2005, the Authority issued \$47,535,000 in Manasquan Reservoir Water Supply System Revenue Bonds, Series 2005. The proceeds, together with other monies on deposit, were used to prepay \$49,293,438 in Current Manasquan State Loan Notes and Completion Notes.

The Revenue Bonds, Series 2005, have a principal balance of \$28,900,000 at June 30, 2014, carry a bond yield of 3.95%, and mature in incremental annual principal amounts through 2031. Principal maturities for the year ending June 30, 2015, are \$2,795,000. The property and revenue of the Manasquan System are pledged as collateral for the 2005 Bonds.

The balance of the defeased current Manasquan State Loan Notes and Completion Notes is \$0.

For the years ended June 30, 2014 and 2013, interest expense on the 2005 Bonds amounted to \$1,511,500 and \$1,593,435, respectively, and the related interest income earned on the restricted investments amounted to \$274 and \$138, respectively.

**C. New Jersey Environmental Infrastructure Financing Program (“NJEIFP”)**

The New Jersey Water Supply Authority, a Component Unit of the State of New Jersey, obtained a loan from the New Jersey Environmental Infrastructure Trust (“the Trust”) for the construction of a permanent structure over the Manasquan Intake Pump Station. Under the NJEIFP, the borrowers benefit from a loan formula under which participants borrow a percentage of cost from the State Revolving Fund maintained by the NJDEP at zero interest and the remaining percentage from the Trust at the same interest rate the Trust pays on its bonds. Under the State’s Smart Growth Initiative, the interest rate is equivalent to 25 percent of the lowest available rate. Each NJEIFP loan carries a 20-year life. Property and revenue of the Manasquan Reservoir System are pledged as collateral for the loans.

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The following table summarizes the NJEIFP loan outstanding for the Manasquan Reservoir System, as of June 30, 2014:

NJEIFP Series	Date of Issuance	State Revolving Fund Original Principal	Percent	Trust Original Principal	Percent	Blended Interest Rate	Outstanding Principal	Maturity
2012B	05/03/2012	\$2,312,250	76%	\$715,000	24%	.80%	\$2,767,106	08/01/2031

**Raritan System**

**D. D & R System Revenue Refunding Bonds, Series 1998**

On August 4, 1998, the Authority issued Water System Revenue Refunding Bonds, Series 1998 (the “Refunding Bonds”) in the amount of \$28,290,000. The Refunding Bonds are serial bonds of which \$0 are outstanding at June 30, 2014, and that bore interest at varying rates from 4.5% to 5.375% and matured in incremental annual principal amounts through 2014. The last principal payment of \$2,600,000 was made on November 1, 2013. The Refunding Bonds maturing on or after November 1, 2009, were subject to redemption prior to their stated maturity dates at the option of the Authority on or after November 1, 2008. The property and revenue of the Raritan System are pledged as collateral for the Refunding Bonds.

The balance of the defeased 1988 Delaware and Raritan System Revenue Bonds is \$0.

For the years ended June 30, 2014 and 2013, interest expense on the Refunding Bonds amounted to \$47,090 and \$184,395, respectively, and the related interest income earned on the restricted investments amounted to \$0 and \$53, respectively.

The advance refunding resulted in a difference between the reacquisition price and the net carrying amount of the old debt of \$6,029,573. The difference is reported with bonds payable on the statements of net position and is being charged to operations using a method that approximates the effective interest method over the shorter of the remaining life of the old debt or the life of the new debt. The economic gain was a net present value debt savings of \$4,207,590.

**E. New Jersey Environmental Infrastructure Financing Program (“NJEIFP”)**

The New Jersey Water Supply Authority, a Component Unit of the State of New Jersey, obtained loans from the New Jersey Environmental Infrastructure Trust (the “Trust”) for the acquisition of source water watershed properties critical to the Raritan Basin System. Under the NJEIFP, the borrowers benefit from a loan formula under which participants borrow a percentage of the cost from the State Revolving Fund maintained by the NJDEP at zero interest and the remaining percentage from the Trust at the same interest rate the Trust pays on its bonds. Under the State’s Smart Growth Initiative, the interest rate is equivalent to 25 percent of the lowest available rate. Each NJEIFP loan carries a 20-year life, and property and revenue of the Raritan Basin System are pledged as collateral for the loans.

New Jersey Water Supply Authority  
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Notes to Financial Statements (continued)

The following table summarizes the NJEIFP loans outstanding for the Raritan Basin System, as of June 30, 2014:

NJEIFP Series	Date of Issuance	State Revolving Fund Original Principal	Percent	Trust Original Principal	Percent	Blended Interest Rate	Outstanding Principal	Maturity
2003A	11/06/2003	\$627,019	75%	\$235,000	25%	1.194%	\$457,069	08/01/2023
2004A	11/04/2004	1,030,000	75%	350,000	25%	1.310%	813,945	08/01/2024
2005A	11/10/2005	2,940,974	75%	1,050,000	25%	1.251%	2,056,902	08/01/2025
2006A	11/09/2006	2,099,363	75%	745,000	25%	1.260%	1,905,736	08/01/2026
2007A	11/08/2007	1,740,563	75%	620,000	25%	1.055%	1,726,916	08/01/2027
2008A	11/06/2008	1,152,000	64%	660,000	36%	1.740%	1,443,271	08/01/2028
2010A	03/10/2010	300,493	51%	290,000	49%	1.685%	487,803	08/01/2029
2010B	12/02/2010	1,064,338	52%	990,000	48%	1.870%	1,821,023	08/01/2030
2012A	05/03/2012	1,501,455	76%	465,000	24%	.65%	1,798,765	08/01/2031
Total		\$12,456,205		\$5,405,000			\$12,511,430	

The following table summarizes the changes in bonds, notes and loans payable between fiscal years 2014, 2013 and 2012:

	Fiscal Year 2013	Less Payments, Net of Amortization	Debt Issued	Fiscal Year 2014	Due Within One Year
Bonds payable	\$35,456,893	\$5,398,671	\$ -	\$30,058,222	\$2,795,000
Notes payable	33,652,337	2,541	-	33,649,796	2,693
Loans payable	16,393,574	972,604	-	15,420,970	986,235
Total	\$85,502,804	\$6,373,816	\$ -	\$79,128,988	\$3,783,928

	Fiscal Year 2012	Less Payments, Net of Amortization	Debt Issued	Fiscal Year 2013	Due Within One Year
Bonds payable	\$40,607,618	\$5,150,725	\$ -	\$35,456,893	\$5,260,000
Notes payable	33,654,736	2,399	-	33,652,337	2,541
Loans payable	17,198,649	805,075	-	16,393,574	970,284
Total	\$91,461,003	\$5,958,199	\$ -	\$85,502,804	\$6,232,825

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Principal and interest on aggregate maturities and bonds, notes and loans, net of unamortized bond premium, are as follows:

Year Ending June 30,	Raritan Basin System	Manasquan Reservoir System	Notes Payable Manasquan System	Manasquan System Revenue Bonds Series 2005	Totals
2015	\$1,042,482	\$172,997	\$7,553	\$4,170,125	\$5,393,157
2016	1,033,878	172,247	7,549	4,171,750	5,385,424
2017	1,076,449	176,422	7,544	4,166,125	5,426,540
2018	1,064,348	175,372	7,538	4,167,875	5,415,133
2019	1,056,425	174,172	7,533	4,161,625	5,399,755
2020-2024	5,108,520	871,985	37,565	10,498,375	16,516,445
2025-2029	3,193,609	868,535	37,362	3,591,500	7,691,006
2030-2034	576,095	478,776	22,292	2,137,125	3,214,288
Deferred Portion	-	-	33,566,892	-	33,566,892
Subtotal	14,151,806	3,090,506	33,701,828	37,064,500	88,008,640
Less amounts representing interest	1,640,376	323,400	52,032	8,164,500	10,180,308
Less unamortized deferral amount	-	-	-	257,859	257,859
Plus unamortized bond premium	92,703	49,732	-	1,416,080	1,558,515
Subtotal	12,604,133	2,816,838	33,649,796	30,058,221	79,128,988
Less:					
Current principal portion	843,663	142,572	2,693	2,795,000	3,783,928
Total	\$11,760,470	\$2,674,266	\$33,647,103	\$27,263,221	\$75,345,060

## 6. Employee Benefits

### Pension and Retirement Plans

Full-time employees of the Authority are covered by the Public Employees' Retirement System of the State of New Jersey ("PERS"). The Division of Pensions within the Treasury Department of the State of New Jersey is the administrator of PERS and charges employers annually for their respective contributions. PERS provides retirement and disability benefits, annual cost of living adjustments and benefits to plan members and their beneficiaries. PERS is a cost-sharing, multiple-employer defined benefit plan and, as such, does not maintain separate records for each employer in the state; therefore, the actuarial data for the Authority is not available. The Division of Pensions issues a publicly available financial report for PERS, including financial statements and required supplementary information. Please refer to the State website [www.state.nj.us](http://www.state.nj.us) for more information regarding the plan. The PERS financial report may be obtained by writing to the State of New Jersey, Department of the Treasury, Division of Pensions and Benefits, P.O. Box 295, Trenton, New Jersey 08625-0295.

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As a condition of employment, all Authority full-time employees are required to be members of PERS. PERS members can apply for a service retirement at age 60 if enrolled before November 2, 2008 (Tier 1 or Tier 2), or at age 62 if enrolled on or after November 2, 2008, but before June 28, 2011 (Tier 3 or Tier 4), or at age 65 if enrolled on or after June 28, 2011 (Tier 5) regardless of the amount of service credit earned.

Tier 1, 2 or 3: Annual Benefit = Years of Service Credit, divided by 55, times Final Average Salary (average salary of the last three years of credited service or the highest three fiscal years of credited service, whichever provides the higher benefit). Tier 4 or Tier 5: Annual Benefit = Years of Service Credit, divided by 60, times Final Average Salary (average salary of the last five years of credited service or the highest five fiscal years of credited service, whichever provides the higher benefit). Pension benefits fully vest on reaching 10 years of service. Vested employees who were enrolled prior to July 1, 2007, and who have established 25 years or more of creditable service may retire without penalty at or after age 55 and receive full retirement benefits. PERS also provides death and disability benefits. Benefits are established by State statute.

Covered Authority employees are required by PERS to contribute 6.92% of their salaries. State statute requires the Authority to contribute the remaining amounts necessary to pay benefits when due. The amount of the Authority's contribution is certified each year by PERS on the recommendation of the actuary, who makes an annual actuarial valuation. The valuation is based on a determination of the financial condition of the retirement system. It includes the computation of the present dollar value of benefits payable to former and present members and the present dollar value of future employer and employee contributions, giving effect to mortality among active and retired members and also to the rates of disability, retirement, withdrawal, former service, salary and interest.

The payroll for employees covered by PERS for the years ended June 30, 2014, 2013 and 2012, was \$6,781,700, \$6,842,065 and \$6,982,324, respectively. The Authority's total payroll for the years ended June 30, 2014, 2013 and 2012, was \$7,062,893, \$7,113,521 and \$7,352,772, respectively. The actuarial contribution requirements and the contributions made for the years ended June 30, 2014, 2013 and 2012, were \$1,217,153, \$1,234,025 and \$1,289,250, respectively, which consisted of \$758,938, \$784,639 and \$856,878 from the Authority, and \$458,215, \$449,386 and \$432,372 from the employees, respectively. As required by PERS, the employer and employee contributions represented 11.20% and 6.78% of covered payroll for the year ended June 30, 2014, 11.47% and 6.56% of covered payroll for the year ended June 30, 2013, and 12.27% and 6.19% of covered payroll for the year ended June 30, 2012, respectively. Contributions were made in accordance with the actuarial funding requirement.

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### **Post-Retirement Health Care Benefits**

The Authority provides continued health care benefits to employees retiring after twenty-five years of service and their eligible dependents. Benefits, contributions, funding and the manner of administration are determined by the State Legislature. The Authority's portion of this liability and cost is included in the State's comprehensive annual financial report on an annual basis. As such, the liability for Authority employees is covered under the State plan. The Division of Pensions within the New Jersey Treasury Department administers the funds. Monthly, the Division of Pensions charges the Authority for its contribution. The total number of employees receiving benefits was 53, 52 and 49 at June 30, 2014, 2013 and 2012, respectively. Total cost for these post-retirement benefits, included in fringe benefits, approximated \$757,870, \$714,969 and \$599,311 for the years ended June 30, 2014, 2013 and 2012, respectively.

### **7. Major Water Customers**

During fiscal years 2014 and 2013, the Authority supplied water to approximately 29 customers of the Raritan Basin System and 13 customers of the Manasquan System.

During fiscal years 2014 and 2013, two customers accounted for approximately 84% of total Raritan Basin System operating revenue. Three customers accounted for approximately 82% of total Manasquan System operating revenue.

### **8. Risk Management**

The Authority carries insurance for all of its facilities, covering direct physical loss or damage and loss of revenue resulting therefrom, with such deductibles as it deems appropriate. The Authority also carries General and Umbrella Public Liability Insurance with such self-insured retainers as it deems appropriate. Automotive and Public Officials Liability coverage is also maintained with deductibles. Workers' Compensation coverage is also maintained, as required by State law. Settled claims resulting from the aforementioned risks have not exceeded insurance coverage in any of the past three fiscal years.

### **9. Restatement under GASB Statement No. 65**

During fiscal year ended December 31, 2012, there was a change in accounting principle as a result of GASB Statement No. 65 *Items Previously Reported as Assets and Liabilities*. This Statement establishes accounting and financial reporting standards that reclassify, as deferred outflows of resources or deferred inflows of resources, certain items that were previously reported as assets and liabilities and recognizes, as outflows of resources or inflows of resources, certain items that were previously reported as assets and liabilities. GASB Statement No. 65 is retroactive to the prior reporting period. The adjustment is detailed below.

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	<b>June 30, 2012</b>		
	<b>Previously Reported</b>	<b>Prior Period Adjustment</b>	<b>Restated</b>
<b>Assets</b>			
Current assets:			
Unrestricted assets:			
Cash and cash equivalents	\$34,008,030	\$0	\$34,008,030
Unbilled sales	1,165,026	0	1,165,026
Accounts receivable, less allowance for doubtful accounts of \$1,000 at June 30, 2012	4,646,665	0	4,646,665
Interest receivable	118,994	0	118,994
Prepaid expenses and other current assets	899,250	0	899,250
Costs to be recovered from future revenue	2,616,336	0	2,616,336
Total unrestricted assets	<u>43,454,301</u>	<u>0</u>	<u>43,454,301</u>
Restricted assets:			
Cash equivalents	1,058,593	0	1,058,593
Investments	12,378,541	0	12,378,541
Total restricted assets	<u>13,437,134</u>	<u>0</u>	<u>13,437,134</u>
Total current assets	<u>56,891,435</u>	<u>0</u>	<u>56,891,435</u>
Non-current assets:			
Investments	5,898,732	0	5,898,732
Costs to be recovered from future revenue	2,460,092	0	2,460,092
Deferred issuance costs	403,718	(403,718)	0
Capital assets, net	143,988,686	0	143,988,686
Total non-current assets	<u>152,751,228</u>	<u>(403,718)</u>	<u>152,347,510</u>
Total assets	<u>\$209,642,663</u>	<u>\$(403,718)</u>	<u>\$209,238,945</u>
<b>Liabilities</b>			
Current liabilities:			
Current portion of bonds, notes and loans payable	5,884,725	0	5,884,725
Accounts payable	281,460	0	281,460
Accrued liabilities	2,138,191	0	2,138,191
Unearned revenue	1,512,896	0	1,512,896
Total current liabilities	<u>9,817,272</u>	<u>0</u>	<u>9,817,272</u>
Non-current liabilities:			
Long-term portion of bonds, notes and loans payable	85,576,278	0	85,576,278
Total liabilities	<u>95,393,550</u>	<u>0</u>	<u>95,393,550</u>
<b>Net position</b>			
Net investment, capital assets	78,090,867	0	78,090,867
Restricted	11,924,238	0	11,924,238
Unrestricted	24,234,008	(403,718)	23,830,290
Total net position	<u>\$114,249,113</u>	<u>\$(403,718)</u>	<u>\$113,845,395</u>

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Notes to Financial Statements (continued)

Summary Statement of Revenue, Expense and Changes in Net Position

**For the Year Ended June 30, 2013**

	Previously Reported	Prior Period Adjustment	Restated
Revenues	\$ 33,209,986	\$ 0	\$ 33,209,986
Expenditures			
Operating Expenses	21,792,193	0	21,792,193
Non-Operating Expenses	4,655,190	(62,204)	4,592,986
Change in Net Position	6,762,603	62,204	6,824,807
Net Position, June 30, 2012	\$114,249,113	\$(403,718)	\$113,845,395
Net Position, June 30, 2013	\$121,011,716	\$(341,514)	\$120,670,202

**10. New Accounting Pronouncement**

The Governmental Account Standards Board has issued Statement No. 67, “Financial Reporting for Pensions Plans” effective for financial statements for fiscal years beginning after June 15, 2013, and Statement No. 68, “Accounting and Financial Reporting for Pension Plans” effective for fiscal years beginning after June 15, 2014. The objective of the statements is to improve information about financial support for pensions and improve financial reporting and accounting by state and local governmental pension plans. Statement No. 67 requires defined benefit pension plans to present two financial statements; a statement of fiduciary net position and a statement of changes in fiduciary net position, and requires additional disclosures about pension plan investments, assumptions used for the calculation of total pension liability, and the portion of present value of projected benefit payments attributable to members’ past service credit. Statement No. 68 establishes standards for measuring and recognizing liabilities, deferred outflows and inflows, and expenses and requires the calculation and recording of a net pension liability and subsequent allocation of the unfunded liability to individual employers participating in the plans, including a proportionate share of the actuarial valuation. Full time employees of the Authority are covered by the Public Employee’s Retirement System of the State of New Jersey (“PERS”) which is a cost sharing, multiple-employer defined benefit plan. As such, the Authority will receive information from the State of New Jersey for inclusion in its financial statements and disclosures. The Authority plans to implement these standards for its fiscal year ending June 30, 2015.

**11. Insurance Reimbursements**

Included in “Other income” on the statement of revenues, expenses and changes in net position for the year ended June 30, 2014 is \$12,115 from FEMA and for the year ended June 30, 2013, \$5,705,339 and \$1,065,278 from private insurance and FEMA, respectively. The Authority received a total of \$72,688 from FEMA for damages caused by Superstorm Sandy, \$12,115 in fiscal year 2014 and \$60,573 in fiscal year 2013. The balance of the FEMA reimbursement, in “Other income” is related to damages from Hurricane Irene and Tropical Storm Lee, which occurred in the fiscal year ended June 30, 2012. Damages were primarily incurred in waterways that the Authority

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leases from, and maintains on behalf of, the State of New Jersey. Therefore, there was no impairment of capital assets recorded by the Authority as a result of these damages and repairs were expensed as incurred.

**12. Contingencies**

The Authority is party to various legal actions and disputes. Although the ultimate effect, if any, of these matters is not presently determinable, management believes that collectively they will not have a material effect on the results of operations or the financial position of the Authority.

**13. Information by Business Segment**

The Authority issued revenue bonds to finance the construction of various capital assets, including the construction of the reservoir systems for both the Manasquan and Raritan Basin Systems. Each of these Systems must provide sufficient revenue each year to cover its own operating expenses and debt service. Investors in the revenue bonds rely solely on the revenue generated by the individual activities for repayment. The chart represents information by Business Segment and is not consistent with the consolidated balances on the statement of net position. Summary financial information for the operating segments is presented below:

	June 30, 2014		June 30, 2013	
	Raritan Basin System	Manasquan Water Supply System	Raritan Basin System	Manasquan Water Supply System
<b>Condensed statement of net assets</b>				
Assets:				
Current unrestricted assets	\$28,470,578	\$13,552,040	\$35,419,136	\$12,554,450
Current restricted assets	1,684,502	10,651,684	4,884,240	9,787,483
Capital assets	82,360,765	58,794,324	83,213,060	60,287,214
Other non-current assets	(3,807,753)	15,362,363	(11,444,309)	16,650,132
Total assets	108,708,092	98,360,411	112,072,127	99,279,279
Liabilities:				
Current liabilities	2,665,915	7,375,292	4,966,616	6,444,609
Non-current liabilities	11,760,469	63,584,591	12,615,028	66,654,951
Total liabilities	14,426,384	70,959,883	17,581,644	73,099,560
Net position:				
Net investment, capital assets	69,756,633	17,832,652	67,170,320	16,390,334
Restricted for repayment of debt principal and interest	1,684,502	7,399,989	4,884,240	7,242,669
Unrestricted	23,007,458	2,001,002	22,582,548	2,400,091
Total net position	\$94,448,593	\$27,233,643	\$94,637,108	\$26,033,094

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	Year Ended			
	June 30, 2014		June 30, 2013	
	Raritan Basin System	Manasquan Water Supply System	Raritan Basin System	Manasquan Water Supply System
<b>Condensed statement of revenue, expenses and changes in net position</b>				
Total operating revenue	\$15,369,782	\$7,870,729	\$15,552,494	\$7,877,531
Operating expenses	11,289,515	2,712,721	12,453,830	2,699,672
Depreciation	2,682,708	1,660,073	2,626,819	1,642,134
Operating income	1,397,559	3,497,935	471,845	3,535,725
Non-operating revenue	413,727	186,760	7,015,495	266,865
Non-operating expense	1,999,801	2,484,146	1,985,345	2,479,778
Change in net position	(188,515)	1,200,549	5,501,995	1,322,812
Net position, beginning of the year, as previously reported	94,637,108	26,033,094	89,168,913	25,080,200
Prior period adjustment	-	-	(33,800)	(369,918)
Net position, beginning of year, as restated	94,637,108	26,033,094	89,135,113	24,710,282
Net position, end of year	\$94,448,593	\$27,233,643	\$94,637,108	\$26,033,094
<b>Condensed statement of cash flows</b>				
Net cash provided by (used in):				
Operating activities	\$4,437,911	\$4,286,992	\$10,783,739	\$5,406,690
Non-capital financing activities	129,293	-	212,023	-
Capital and related financing activities	(5,397,786)	(3,944,954)	(5,144,583)	(2,477,819)
Investing activities	(1,872,198)	105,581	276,365	9,640
Net (decrease) increase in cash and cash equivalents	(2,702,780)	447,619	6,127,544	2,938,511
Beginning cash and cash equivalent balances	31,570,342	12,562,336	25,442,798	9,623,825
Ending cash and cash equivalent balances	\$28,867,562	\$13,009,955	\$31,570,342	\$12,562,336

## Supplementary Information

New Jersey Water Supply Authority  
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Combining Schedule of Net Position

June 30, 2014

	Raritan Basin System	Manasquan Reservoir System	Elimination Entries	Combined Total
<b>Assets</b>				
Current assets:				
Unrestricted assets:				
Cash and cash equivalents	\$27,183,060	\$10,117,661	\$ -	\$ 37,300,721
Unbilled sales	973,953	-	-	973,953
Accounts receivable, less allowance for doubtful accounts of \$1,000	243,503	1,921,600	(166,885)	1,998,218
Interest receivable	246,564	21,771	-	268,335
Prepaid expenses and other current assets	825,593	234,169	-	1,059,762
Costs to be recovered from future revenue	(835,210)	1,256,839	-	421,629
Total unrestricted assets	<u>28,637,463</u>	<u>13,552,040</u>	<u>(166,885)</u>	<u>42,022,618</u>
Restricted assets:				
Cash equivalents	1,684,502	2,892,294	-	4,576,796
Investments	-	7,759,390	-	7,759,390
Total restricted assets	<u>1,684,502</u>	<u>10,651,684</u>	<u>-</u>	<u>12,336,186</u>
Total current assets	<u>30,321,965</u>	<u>24,203,724</u>	<u>(166,885)</u>	<u>54,358,804</u>
Non-current assets:				
Investments	11,412,850	1,003,819	-	12,416,669
Costs to be recovered from future revenue	(15,220,603)	14,358,544	-	(862,059)
Capital assets, net of accumulated depreciation of \$129,379,602 at June 30, 2014	82,360,765	58,794,324	-	141,155,089
Total non-current assets	<u>78,553,012</u>	<u>74,156,687</u>	<u>-</u>	<u>152,709,699</u>
Total assets	<u>\$108,874,977</u>	<u>\$98,360,411</u>	<u>\$(166,885)</u>	<u>\$207,068,503</u>
<b>Liabilities</b>				
Current liabilities:				
Current portion of bonds, notes and loans payable	\$ 843,663	\$ 2,940,265	\$ -	\$ 3,783,928
Accounts payable	340,364	336,907	(166,885)	510,386
Accrued liabilities	1,481,888	1,013,310	-	2,495,198
Unearned revenue	-	3,251,695	-	3,251,695
Total current liabilities	<u>2,665,915</u>	<u>7,542,177</u>	<u>(166,885)</u>	<u>10,041,207</u>
Non-current liabilities:				
Non-current portion of bonds, notes and loans payable	11,760,469	63,584,591	-	75,345,060
Total liabilities	<u>14,426,384</u>	<u>71,126,768</u>	<u>(166,885)</u>	<u>85,386,267</u>
<b>Net position</b>				
Invested in capital assets, net of related debt	69,756,633	17,832,652	-	87,589,285
Restricted for repayment of debt principal and interest	1,684,502	7,399,989	-	9,084,491
Unrestricted	23,007,458	2,001,002	-	25,008,460
Total net position	<u>\$94,448,593</u>	<u>\$27,233,643</u>	<u>\$ -</u>	<u>\$121,682,236</u>

New Jersey Water Supply Authority  
A Component Unit of the State of New Jersey  
Combining Schedule of Revenue, Expenses  
and Changes in Net Position

Year Ended June 30, 2014

	Raritan Basin System	Manasquan Reservoir System	Manasquan Water Treatment Plant	Combined Total
Operating revenue:				
Water sales	\$15,369,782	\$ 7,870,729	\$ -	\$ 23,240,511
Reimbursement of operating expenses	-	-	2,600,238	2,600,238
Total operating revenue	<u>15,369,782</u>	<u>7,870,729</u>	<u>2,600,238</u>	<u>25,840,749</u>
Operating expenses:				
Payroll	5,394,633	745,209	923,051	7,062,893
Operations and maintenance (direct)	3,338,344	835,589	820,901	4,994,834
Operations and maintenance (general and administrative)	-	80,562	57,560	138,122
Fringe benefits	3,296,638	408,961	506,758	4,212,357
Headquarters overhead	(740,100)	642,400	97,700	-
Depreciation	2,682,708	1,660,073	-	4,342,781
Total operating expenses	<u>13,972,223</u>	<u>4,372,794</u>	<u>2,405,970</u>	<u>20,750,987</u>
Income from operations	<u>1,397,559</u>	<u>3,497,935</u>	<u>194,268</u>	<u>5,089,762</u>
Non-operating revenue:				
State of New Jersey – Grant Programs	129,293	-	-	129,293
Investment income	209,878	154,276	2,524	366,678
Rental income	59,251	-	-	59,251
Other income	15,305	32,484	-	47,789
Total non-operating revenue	<u>413,727</u>	<u>186,760</u>	<u>2,524</u>	<u>603,011</u>
Non-operating expenses:				
Interest component of debt service to the State of New Jersey	235,010	1,334,116	-	1,569,126
Bond discount/insurance premium expense	-	28,343	-	28,343
Costs to be recovered from future revenue	1,764,791	1,121,687	196,792	3,083,270
Total non-operating expenses	<u>1,999,801</u>	<u>2,484,146</u>	<u>196,792</u>	<u>4,680,739</u>
Change in net position	(188,515)	1,200,549	-	1,012,034
Net position, beginning of year	94,637,108	26,033,094	-	120,670,202
Net position, end of year	<u>\$94,448,593</u>	<u>\$27,233,643</u>	<u>\$ -</u>	<u>\$121,682,236</u>

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Raritan Basin System**  
Year Ended June 30, 2014

	<b>Operating Fund</b>				
	<b>Revenue Fund</b>	<b>Operating Account</b>	<b>Payroll Account</b>	<b>Operating Fund</b>	<b>Reserve for O&amp;M</b>
Cash and investments - July 1, 2013	\$7,048	\$601,265	\$30,000	\$1,187,542	\$3,267,792
<b>Cash receipts:</b>					
Water sales operations and maintenance	10,581,514	-	-	-	-
Water sales debt service	2,540,227	-	-	-	-
Water sales capital fund	2,030,305	-	-	-	-
Water sales source water protection fund	1,582,745	-	-	-	-
Water sales overdrafts	8,662	-	-	-	-
Rental income	37,844	-	-	-	-
Manasquan reservoir support	-	-	-	-	224,736
Headquarters overhead	-	-	-	722,100	-
Disposition of property	-	-	-	-	-
Recycling revenue	-	-	-	-	-
Sale of investment securities	-	-	-	-	-
Nonrefundable bid deposits	-	-	-	-	-
Insurance reimbursement	-	-	-	-	-
Miscellaneous expense reimbursement	1,221,681	-	-	-	250,501
<b>Transfers:</b>					
Contributions from operating fund	-	11,945,133	3,116,487	(21,386,679)	-
Contributions to operating fund	-	-	-	2,460,322	-
Transfers for operations	(18,918,400)	-	-	18,918,400	-
Transfers for investments	-	-	-	-	-
Distribution from reserves to operations	2,108,553	19,105	-	-	-
Investment income	-	-	-	1,760	81,812
Per resolution, Section 603:					
Investment income, transfer from	381,248	-	-	(1,823)	(81,913)
Investment income, transfer to	(381,248)	-	-	-	277,189
Unrealized gain/(loss) on fair value	-	-	-	-	(48,796)
<b>Total cash receipts</b>	<b>1,193,131</b>	<b>11,964,238</b>	<b>3,116,487</b>	<b>714,080</b>	<b>703,529</b>
<b>Total available cash and investments</b>	<b>\$1,200,179</b>	<b>\$12,565,503</b>	<b>\$3,146,487</b>	<b>\$1,901,622</b>	<b>\$3,971,321</b>

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Raritan Basin System (continued)**  
Year Ended June 30, 2014

Operating Fund			Capital	Source Water	
Self-Insurance Reserve	Depreciation Reserve	Pumping Reserve	Improvements Investments II	Protection Fund	Subtotal
\$1,067,909	\$3,670,216	\$624,345	\$7,227,566	\$1,734,698	\$19,418,381
-	-	-	-	-	10,581,514
-	-	-	-	-	2,540,227
-	-	-	-	-	2,030,305
-	-	-	-	-	1,582,745
-	-	-	-	-	8,662
-	-	-	-	-	37,844
-	-	-	-	-	224,736
-	-	-	-	-	722,100
-	46,364	-	-	-	46,364
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	1,472,182
-	-	150,000	-	636,000	(5,539,059)
-	(256,543)	-	-	(30,730)	2,173,049
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	2,127,658
37,148	106,532	1,077	158,896	3,279	390,504
(37,154)	(103,987)	-	(156,250)	-	121
-	103,987	-	-	-	(72)
(22,771)	(65,278)	-	(182,861)	-	(319,706)
(22,777)	(168,925)	151,077	(180,215)	608,549	18,079,174
\$1,045,132	\$3,501,291	\$775,422	\$7,047,351	\$2,343,247	\$37,497,555

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Raritan Basin System (continued)**  
Year Ended June 30, 2014

	Subtotal	Parity SWP Bond Fund	Subordinated SWP Bond Fund	Major Rehabilitation	Capital Improvement Fund	D & R Mitigation Fund
Cash and investments - July 1, 2013	\$19,418,381	\$362,972	\$567,319	\$1,180,678	\$13,882,019	\$20,060
<b>Cash receipts:</b>						
Water sales operations and maintenance	10,581,514	-	-	-	-	-
Water sales debt service	2,540,227	-	-	-	-	-
Water sales capital fund	2,030,305	-	-	-	-	-
Water sales source water protection fund	1,582,745	-	-	-	-	-
Water sales overdrafts	8,662	-	-	-	-	-
Rental income	37,844	-	-	-	-	-
Manasquan reservoir support	224,736	-	-	-	-	-
Headquarters overhead	722,100	-	-	-	-	-
Disposition of property	46,364	-	-	-	-	-
Recycling revenue	-	-	-	-	-	-
Sale of investment securities	-	-	-	-	-	-
Nonrefundable bid deposits	-	-	-	-	-	-
Insurance reimbursement	-	-	-	-	-	-
Miscellaneous expense reimbursement	1,472,182	-	-	-	-	-
<b>Transfers:</b>						
Contributions from operating fund	(5,539,059)	264,000	696,000	-	2,070,252	-
Contributions to operating fund	2,173,049	-	-	(5,520)	(1,511,816)	-
Transfers for operations	-	-	-	-	-	-
Transfers for investments	-	-	-	-	-	-
Distribution from reserves to operations	2,127,658	-	-	-	-	-
Investment income	390,504	253	437	1,909	23,658	30
Per resolution, Section 603:						
Investment income, transfer from	121	-	-	-	-	-
Investment income, transfer to	(72)	-	-	-	72	-
Unrealized gain/(loss) on fair value	(319,706)	-	-	-	-	-
<b>Total cash receipts</b>	<b>18,079,174</b>	<b>264,253</b>	<b>696,437</b>	<b>(3,611)</b>	<b>582,166</b>	<b>30</b>
<b>Total available cash and investments</b>	<b>\$37,497,555</b>	<b>\$627,225</b>	<b>\$1,263,756</b>	<b>\$1,177,067</b>	<b>\$14,464,185</b>	<b>\$20,090</b>

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Raritan Basin System (continued)**  
Year Ended June 30, 2014

D & R Canal Dredging	Rate Stabilization Fund	Employment Benefit Funds	1998 Bonds Debt Service Account	1998 Bonds Debt Service Reserve	Rate Stabilization Fund	Totals
\$0	\$0	\$754,847	\$10,249	\$2,741,704	\$2,112,227	\$41,050,456
-	-	-	-	-	-	10,581,514
-	-	-	-	-	-	2,540,227
-	-	-	-	-	-	2,030,305
-	-	-	-	-	-	1,582,745
-	-	-	-	-	-	8,662
-	-	-	-	-	-	37,844
-	-	-	-	-	-	224,736
-	-	-	-	-	-	722,100
-	-	-	-	-	-	46,364
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	60	-	-	-	1,472,242
1,663,314	85,777	845,493	2,659,626	(2,741,747)	(3,656)	-
-	-	(655,713)	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	(19,105)	-	-	(2,108,553)	-
1,098	41	1,298	-	115	31	419,374
-	-	-	-	(72)	(49)	-
-	-	-	-	-	-	-
-	-	-	-	-	-	(319,706)
1,664,412	85,818	172,033	2,659,626	(2,741,704)	(2,112,227)	19,346,407
\$1,664,412	\$85,818	\$926,880	\$2,669,875	\$0	\$0	\$60,396,863

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Raritan Basin System (continued)**  
**Year Ended June 30, 2014**

	<b>Operating Fund</b>				
	<b>Revenue Fund</b>	<b>Operating Account</b>	<b>Payroll Account</b>	<b>Operating Fund</b>	<b>Reserve for O&amp;M</b>
Total available cash and investments	\$1,200,179	\$12,565,503	\$3,146,487	\$1,901,622	\$3,971,321
<b>Cash disbursements:</b>					
Payroll	-	-	3,116,487	-	-
Fringe benefits	-	41,936	-	859,580	-
Employee deferred comp. and credit union	-	668,559	-	232,173	-
Operations and maintenance	-	11,389,512	-	-	-
Prepaid insurance	-	-	-	-	-
Miscellaneous disbursements	-	-	-	-	-
Watershed Management Fund	-	-	-	-	-
Capital improvements:					
Capital assets	-	-	-	-	-
New five-year construction project	-	-	-	-	-
Purchase of investment securities	-	-	-	-	-
Principal on 1998 revenue bonds	-	-	-	-	-
Interest on 1998 revenue bonds	-	-	-	-	-
Principal on NJEIT revenue bonds	-	-	-	-	-
Interest on NJEIT revenue bonds	-	-	-	-	-
<b>Total cash disbursements</b>	<b>-</b>	<b>12,100,007</b>	<b>3,116,487</b>	<b>1,091,753</b>	<b>-</b>
<b>Cash and investments - June 30, 2014</b>	<b>\$1,200,179</b>	<b>\$465,496</b>	<b>\$30,000</b>	<b>\$809,869</b>	<b>\$3,971,321</b>
<b>Summary of cash and investments:</b>					
Cash	\$1,200,179	\$465,496	\$30,000	\$ -	\$ -
Short-term investments	-	-	-	809,869	2,367,495
Long-term investments	-	-	-	-	1,603,826
Restricted investments (current)	-	-	-	-	-
<b>Total cash and investments</b>	<b>\$1,200,179</b>	<b>\$465,496</b>	<b>\$30,000</b>	<b>\$809,869</b>	<b>\$3,971,321</b>

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Raritan Basin System (continued)**  
 Year Ended June 30, 2014

<b>Operating Fund</b>			<b>Capital</b>	<b>Source Water</b>	
<b>Self-Insurance Reserve</b>	<b>Depreciation Reserve</b>	<b>Pumping Reserve</b>	<b>Improvements II</b>	<b>Protection Fund</b>	<b>Subtotal</b>
\$1,045,132	\$3,501,291	\$775,422	\$7,047,351	\$2,343,247	\$37,497,555
-	-	-	-	-	3,116,487
-	-	-	-	-	901,516
-	-	-	-	-	900,732
-	-	-	-	-	11,389,512
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	39,142	-	39,142
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	39,142	-	16,347,389
\$1,045,132	\$3,501,291	\$775,422	\$7,008,209	\$2,343,247	\$21,150,166
\$ -	\$ -	\$ -	\$ -	\$ -	\$1,695,675
296,680	1,374,478	775,422	74,450	2,343,247	8,041,641
748,452	2,126,813	-	6,933,759	-	11,412,850
-	-	-	-	-	-
\$1,045,132	\$3,501,291	\$775,422	\$7,008,209	\$2,343,247	\$21,150,166

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Raritan Basin System (continued)**  
 Year Ended June 30, 2014

	Subtotal	Parity SWP Bond Fund	Subordinated SWP Bond Fund	Major Rehabilitation	Capital Improvement Fund	D & R Mitigation Fund
Total available cash and investments	\$37,497,555	\$627,225	\$1,263,756	\$1,177,067	\$14,464,185	\$20,090
<b>Cash disbursements:</b>						
Payroll	3,116,487	-	-	-	-	-
Fringe benefits	901,516	-	-	-	-	-
Employee deferred comp. and credit union	900,732	-	-	-	-	-
Operations and maintenance	11,389,512	-	-	-	-	-
Prepaid insurance	-	-	-	-	-	-
Miscellaneous disbursements	-	-	-	-	-	-
Watershed Management Fund	-	-	-	-	-	-
Capital improvements:						
Capital assets	-	-	-	-	-	-
New five-year construction project	-	-	-	-	-	-
Purchase of investment securities	39,142	-	-	-	-	-
Principal on 1998 revenue bonds	-	-	-	-	-	-
Interest on 1998 revenue bonds	-	-	-	-	-	-
Principal on NJEIT revenue bonds	-	292,983	534,727	-	-	-
Interest on NJEIT revenue bonds	-	50,621	177,329	-	-	-
<b>Total cash disbursements</b>	<b>16,347,389</b>	<b>343,604</b>	<b>712,056</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Cash and investments - June 30, 2014</b>	<b>\$21,150,166</b>	<b>\$283,621</b>	<b>\$551,700</b>	<b>\$1,177,067</b>	<b>\$14,464,185</b>	<b>\$20,090</b>
<b>Summary of cash and investments:</b>						
Cash	\$1,695,675	\$ -	\$ -	\$ -	\$ -	\$ -
Short-term investments	8,041,641	283,621	551,700	1,177,067	14,464,185	20,090
Long-term investments	11,412,850	-	-	-	-	-
Restricted investments (current)	-	-	-	-	-	-
<b>Total cash and investments</b>	<b>\$21,150,166</b>	<b>\$283,621</b>	<b>\$551,700</b>	<b>\$1,177,067</b>	<b>\$14,464,185</b>	<b>\$20,090</b>

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Raritan Basin System (continued)**  
 Year Ended June 30, 2014

D & R Canal Dredging	Rate Stabilization Fund	Employment Benefit Funds	1998 Bonds Debt Service Account	1998 Bonds Debt Service Reserve	Rate Stabilization Fund	Totals
\$1,664,412	\$85,818	\$926,880	\$2,669,875	\$0	\$0	\$60,396,863
-	-	-	-	-	-	3,116,487
-	-	-	-	-	-	901,516
-	-	-	-	-	-	900,732
-	-	-	-	-	-	11,389,512
-	-	-	-	-	-	-
-	-	43,527	-	-	-	43,527
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	39,142
-	-	-	2,600,000	-	-	2,600,000
-	-	-	69,875	-	-	69,875
-	-	-	-	-	-	827,710
-	-	-	-	-	-	227,950
-	-	43,527	2,669,875	-	-	20,116,451
\$1,664,412	\$85,818	\$883,353	\$0	\$0	\$0	\$40,280,412
\$ -	\$ -	\$40,182	\$ -	\$ -	\$ -	\$1,735,857
1,664,412	85,818	843,171	-	-	-	27,131,705
-	-	-	-	-	-	11,412,850
-	-	-	-	-	-	-
\$1,664,412	\$85,818	\$883,353	\$0	\$0	\$0	\$40,280,412

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Manasquan Water Supply System**  
Year Ended June 30, 2014

	Operating Fund				
	Revenue Fund	Operating Account	Payroll Account	Operating Fund	Reserve for O&M
Cash and investments - July 1, 2013	\$103,552	\$2,451,457	\$20,000	\$1,420,212	\$1,234,679
<b>Cash receipts:</b>					
Water sales operations and maintenance	2,267,730	-	-	-	-
Water sales debt service	4,137,858	-	-	-	-
Source water protection	95,653	-	-	-	-
Water sales overdrafts NJEIT	162,231	-	-	-	-
NJ-American pumping costs	-	-	-	-	218,243
Headquarters overhead	-	-	-	-	-
Reimbursement of WTP capital expenses	-	-	-	-	-
Disposition of assets	-	-	-	-	-
Sale of investment securities	-	-	-	-	-
Nonrefundable bid deposits	-	-	-	-	-
Miscellaneous reimbursement	835,541	-	-	-	18,779
<b>Transfers:</b>					
Contributions from operating fund	-	2,627,628	1,031,191	(8,641,337)	-
Contributions to operating fund	-	-	-	2,588,409	(1,721)
Transfers for operations	(7,203,555)	-	-	7,203,555	-
Distribution from reserves to operations	(239,630)	196,103	-	239,630	-
Investment income	-	-	-	2,254	22,421
Per resolution, Section 603:					
Investment income, transfer from	54,931	-	-	(2,266)	(22,423)
Investment income, transfer to	(54,931)	-	-	4,170	33,925
Unrealized (loss)gain on fair value	-	-	-	-	(13,012)
<b>Total cash receipts</b>	<u>55,828</u>	<u>2,823,731</u>	<u>1,031,191</u>	<u>1,394,415</u>	<u>256,212</u>
<b>Total cash and investments</b>	<u>\$159,380</u>	<u>\$5,275,188</u>	<u>\$1,051,191</u>	<u>\$2,814,627</u>	<u>\$1,490,891</u>

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Manasquan Water Supply System (continued)**  
 Year Ended June 30, 2014

Self- Insurance Reserve	Renewal and Replacement Account	Water Reuse & Recycling	Source Water Protection	Depreciation Reserve	Pumping Reserve	Sediment Reserve	Subtotal
\$260,002	\$3,024,148	\$29,978	\$1,367,667	\$446,547	\$163,484	\$103,298	\$10,625,024
-	-	-	-	-	-	-	2,267,730
-	-	-	-	-	-	-	4,137,858
-	-	-	-	-	-	-	95,653
-	-	-	-	-	-	-	162,231
-	-	-	-	-	-	-	218,243
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	36,399	-	-	24,030	-	-	914,749
-	122,720	-	112,568	-	-	10,000	(4,737,230)
-	(266,026)	-	(5,373)	(72,513)	-	-	2,242,776
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	196,103
11,057	5,008	45	2,307	16,492	2,049	96	61,729
(11,058)	-	-	-	(16,425)	(2,050)	(97)	612
-	-	-	-	16,425	-	-	(411)
(6,938)	-	-	-	(10,344)	(1,214)	-	(31,508)
(6,939)	(101,899)	45	109,502	(42,335)	(1,215)	9,999	5,528,535
\$253,063	\$2,922,249	\$30,023	\$1,477,169	\$404,212	\$162,269	\$113,297	\$16,153,559

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Manasquan Water Supply System (continued)**  
 Year Ended June 30, 2014

	Water Treatment Plant/Transmission System						
	Subtotal	Operating Account	Operating Fund	Residuals Reserve	Carbon Filter Reserve	Self-Insurance Reserve	Capital Improvement Reserve
Cash and investments - July 1, 2013	\$10,625,024	\$144,820	\$76,977	\$9,487	\$98,434	\$253,183	\$1,527,918
<b>Cash receipts:</b>							
Water sales operations and maintenance	2,267,730	-	-	-	-	-	-
Water sales debt service	4,137,858	-	-	-	-	-	-
Source water protection	95,653	-	-	-	-	-	-
Water sales overdrafts NJEIT	162,231	-	-	-	-	-	-
NJ-American pumping costs	218,243	-	-	-	-	-	-
Headquarters overhead	-	-	2,600,238	-	-	-	-
Reimbursement of WTP capital expenses	-	-	-	-	-	-	-
Disposition of assets	-	-	-	-	-	-	-
Sale of investment securities	-	-	-	-	-	-	-
Nonrefundable bid deposits	-	-	-	-	-	-	-
Miscellaneous reimbursement	914,749	-	728,536	-	-	-	2,452,116
<b>Transfers:</b>							
Contributions from operating fund	(4,737,230)	3,450,000	(4,503,137)	-	-	-	1,100,000
Contributions to operating fund	2,242,776	-	1,947,265	-	-	-	(3,486,038)
Transfers for operations	-	-	-	-	-	-	-
Distribution from reserves to operations	196,103	-	(773)	-	-	-	-
Investment income	61,729	-	443	15	89	350	1,628
Per resolution, Section 603:							
Investment income, transfer from	612	-	-	(14)	(74)	(323)	-
Investment income, transfer to	(411)	-	411	-	-	-	-
Unrealized (loss)gain on fair value	(31,508)	-	-	-	-	-	-
<b>Total cash receipts</b>	<b>5,528,535</b>	<b>3,450,000</b>	<b>772,983</b>	<b>1</b>	<b>15</b>	<b>27</b>	<b>67,706</b>
<b>Total cash and investments</b>	<b>\$16,153,559</b>	<b>\$3,594,820</b>	<b>\$849,960</b>	<b>\$9,488</b>	<b>\$98,449</b>	<b>\$253,210</b>	<b>\$1,595,624</b>

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Manasquan Water Supply System (continued)**  
 Year Ended June 30, 2014

NJEIT Debt Service Fund	2005 Debt Service Account	2005 Debt Service Reserve	Debt Service Account	Debt Service Reserve	Rebate Fund	General Reserve Fund	Employment Benefit Funds	Totals
\$312,861	\$3,567,199	\$3,619,684	\$19,220	\$7,965	\$149,735	\$617,245	\$244,574	\$21,274,326
-	-	-	-	-	-	-	-	2,267,730
-	-	-	-	-	-	-	-	4,137,858
-	-	-	-	-	-	-	-	95,653
-	-	-	-	-	-	-	-	162,231
-	-	-	-	-	-	-	-	218,243
-	-	-	-	-	-	-	-	2,600,238
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	4,095,401
203,893	4,239,501	-	5,067	1,268	-	-	240,638	-
-	-	(128,000)	-	-	-	(576,003)	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	(195,330)	-
386	274	122,691	2	1	176	157	369	188,310
-	-	-	-	-	-	(201)	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	(31,508)
204,279	4,239,775	(5,309)	5,069	1,269	176	(576,047)	45,677	13,734,156
\$517,140	\$7,806,974	\$3,614,375	\$24,289	\$9,234	\$149,911	\$41,198	\$290,251	\$35,008,482

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Manasquan Water Supply System (continued)**  
 Year Ended June 30, 2014

	Operating Fund				
	Revenue Fund	Operating Account	Payroll Account	Operating Fund	Reserve for O&M
Total available cash and investments	\$159,380	\$5,275,188	\$1,051,191	\$2,814,627	\$1,490,891
<b>Cash disbursements:</b>					
Payroll	-	-	1,031,191	-	-
Fringe benefits	-	1,797,438	-	(1,498,244)	-
Employee deferred comp. and credit union	-	153,655	-	191,744	-
Operations and maintenance	-	2,420,900	-	638,664	-
NJ-American pumping costs	-	-	-	-	-
Prepaid insurance	-	-	-	-	-
Headquarters overhead	-	-	-	624,400	-
Capital assets reservoir	-	-	-	-	-
Capital improvement program (reservoir)	-	-	-	-	-
Purchase of investment securities	-	-	-	-	-
Principal on bonds	-	-	-	-	-
Interest on bonds	-	-	-	-	-
<b>Total cash disbursements</b>	-	4,371,993	1,031,191	(43,436)	-
<b>Cash and investments - June 30, 2014</b>	<b>\$159,380</b>	<b>\$903,195</b>	<b>\$20,000</b>	<b>\$2,858,063</b>	<b>\$1,490,891</b>
 <b>Summary of cash and investments:</b>					
Cash (Manasquan)	\$159,380	\$903,195	\$20,000	\$ -	\$ -
Cash (Water Treatment Plant/TS)	-	-	-	-	-
Short-term investments	-	-	-	2,858,063	1,062,387
Short-term investments (WTP/TS)	-	-	-	-	-
Long-term investments	-	-	-	-	428,504
Restricted investments (current)	-	-	-	-	-
Restricted investments (long-term)	-	-	-	-	-
<b>Total cash and investments</b>	<b>\$159,380</b>	<b>\$903,195</b>	<b>\$20,000</b>	<b>\$2,858,063</b>	<b>\$1,490,891</b>

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Manasquan Water Supply System (continued)**  
 Year Ended June 30, 2014

Self- Insurance Reserve	Renewal and Replacement Account	Water Reuse & Recycling	Source Water Protection	Depreciation Reserve	Pumping Reserve	Sediment Reserve	Subtotal
\$253,063	\$2,922,249	\$30,023	\$1,477,169	\$404,212	\$162,269	\$113,297	\$16,153,559
-	-	-	-	-	-	-	1,031,191
-	-	-	-	-	-	-	299,194
-	-	-	-	-	-	-	345,399
-	-	-	-	3,780	-	-	3,063,344
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	624,400
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	3,780	-	-	5,363,528
\$253,063	\$2,922,249	\$30,023	\$1,477,169	\$400,432	\$162,269	\$113,297	\$10,790,031
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,082,575
-	-	-	-	-	-	-	-
37,685	2,922,249	30,023	1,477,169	78,112	124,652	113,297	8,703,637
-	-	-	-	-	-	-	-
215,378	-	-	-	322,320	37,617	-	1,003,819
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
\$253,063	\$2,922,249	\$30,023	\$1,477,169	\$400,432	\$162,269	\$113,297	\$10,790,031

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Manasquan Water Supply System (continued)**  
 Year Ended June 30, 2014

	Water Treatment Plant/Transmission System						
	Subtotal	Operating Account	Operating Fund	Residuals Reserve	Carbon Filter Reserve	Self-Insurance Reserve	Capital Improvement Reserve
Total available cash and investments	\$16,153,559	\$3,594,820	\$849,960	\$9,488	\$98,449	\$253,210	\$1,595,624
<b>Cash disbursements:</b>							
Payroll	1,031,191	-	-	-	-	-	-
Fringe benefits	299,194	-	-	-	-	-	-
Employee deferred comp. and credit union	345,399	-	-	-	-	-	-
Operations and maintenance	3,063,344	3,395,199	(6,374)	-	-	-	-
NJ-American pumping costs	-	-	-	-	-	-	-
Prepaid insurance	-	-	-	-	-	-	-
Headquarters overhead	624,400	-	97,700	-	-	-	-
Capital assets reservoir	-	-	-	-	-	-	-
Capital improvement program (reservoir)	-	-	-	-	-	-	22,732
Purchase of investment securities	-	-	-	-	-	-	-
Principal on bonds	-	-	-	-	-	-	-
Interest on bonds	-	-	-	-	-	-	-
<b>Total cash disbursements</b>	<u>5,363,528</u>	<u>3,395,199</u>	<u>91,326</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>22,732</u>
<b>Cash and investments - June 30, 2014</b>	<u>\$10,790,031</u>	<u>\$199,621</u>	<u>\$758,634</u>	<u>\$9,488</u>	<u>\$98,449</u>	<u>\$253,210</u>	<u>\$1,572,892</u>
<b>Summary of cash and investments:</b>							
Cash (Manasquan)	\$1,082,575	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cash (Water Treatment Plant/TS)	-	199,621	-	-	-	-	-
Short-term investments	8,703,637	-	-	-	-	-	-
Short-term investments (WTP/TS)	-	-	758,634	9,488	98,449	253,210	1,572,892
Long-term investments	1,003,819	-	-	-	-	-	-
Restricted investments (current)	-	-	-	-	-	-	-
Restricted investments (long-term)	-	-	-	-	-	-	-
<b>Total cash and investments</b>	<u>\$10,790,031</u>	<u>\$199,621</u>	<u>\$758,634</u>	<u>\$9,488</u>	<u>\$98,449</u>	<u>\$253,210</u>	<u>\$1,572,892</u>

**New Jersey Water Supply Authority**  
**A Component Unit of the State of New Jersey**  
**Schedule of Changes in Cash and Investments**  
**Manasquan Water Supply System (continued)**  
 Year Ended June 30, 2014

NJFIT Debt Service	2005 Debt Service Account	2005 Debt Service Reserve	Debt Service Account	Debt Service Reserve	Rebate Fund	General Reserve Fund	Employment Benefit Funds	Totals
\$517,140	\$7,806,974	\$3,614,375	\$24,289	\$9,234	\$149,911	\$41,198	\$290,251	\$35,008,482
-	-	-	-	-	-	-	-	1,031,191
-	-	-	-	-	-	-	-	299,194
-	-	-	-	-	-	-	-	345,399
-	-	-	-	-	-	-	-	6,452,169
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	722,100
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	22,732
-	-	-	-	-	-	-	-	-
142,572	2,660,000	-	2,541	-	-	-	-	2,805,113
40,903	1,511,500	-	5,017	-	-	-	-	1,557,420
183,475	4,171,500	-	7,558	-	-	-	-	13,235,318
\$333,665	\$3,635,474	\$3,614,375	\$16,731	\$9,234	\$149,911	\$41,198	\$290,251	\$21,773,164
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,082,575
-	-	-	-	-	-	-	-	199,621
-	-	-	-	-	-	41,198	290,251	9,035,086
-	-	-	-	-	-	-	-	2,692,673
-	-	-	-	-	-	-	-	1,003,819
\$333,665	3,635,474	3,614,375	16,731	9,234	149,911	-	-	7,759,390
-	-	-	-	-	-	-	-	-
\$333,665	\$3,635,474	\$3,614,375	\$16,731	\$9,234	\$149,911	\$41,198	\$290,251	\$21,773,164

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# Statistical Section

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## FINANCIAL TREND DATA

*These schedules contain trend information on the Authority's financial performance over time.*

Summary of Financial Information.....	2005- 2014
Summary of Raritan Basin System Water Use Contracts .....	2005- 2014
Summary of Manasquan Water Supply System Water Use Contracts .....	2005- 2014

## DEBT CAPACITY DATA

*The schedules present information on the Authority's current levels of outstanding debt and the ability to issue debt in the future.*

Raritan Basin System Revenue Bond Coverage .....	2005- 2014
Manasquan System Revenue Bond Coverage .....	2005- 2014

## REVENUE CAPACITY DATA

*These schedules contain information on the Authority's most significant revenue source.*

Raritan Basin System Water Charges .....	2000- 2015
Manasquan Water Supply System Water Charges .....	2000- 2015

## OPERATING INFORMATION

*These schedules contain operational and infrastructure data in relation to the services the Authority provides.*

Spruce Run Rain Gauge .....	2005- 2014
West Windsor Rain Gauge .....	2005- 2014
Spruce Run Reservoir Storage .....	2005- 2014
Round Valley Reservoir Storage .....	2005- 2014
Manasquan System Rainfall .....	2005- 2014
Manasquan Reservoir Storage Data.....	2005- 2014

## DEBT, ECONOMIC AND DEMOGRAPHIC INFORMATION

Bonds, Notes and Loans Payable .....	2014
Ten Largest State of New Jersey Employers .....	2003-2012
State of New Jersey Population and Employment Trends .....	2003-2012

**New Jersey Water Supply Authority  
SUMMARY OF FINANCIAL INFORMATION 2005 - 2014**

	2005	2006	2007	2008	2009
<b>REVENUE AND EXPENSES</b>					
Water sales	\$22,037,389	\$23,249,130	\$22,508,685	\$23,466,842	\$22,975,438
Reimbursement of operating exp	\$1,723,723	\$1,844,055	\$2,100,466	\$2,377,166	\$2,512,417
Total operating revenues	23,761,112	25,093,185	24,609,151	25,844,008	25,487,855
Operating expense	18,461,671	18,911,050	21,299,226	20,849,880	20,862,953
Income from operations	5,299,441	6,182,135	3,309,925	4,994,128	4,624,902
Nonoperating revenues	3,020,168	2,456,177	3,947,914	4,841,828	795,191
Nonoperating expenses	5,151,673	5,460,653	3,692,672	4,562,451	4,568,128
Change in net position	3,167,936	3,177,659	3,565,167	5,273,505	851,965
Net position, beginning of year	94,239,401	97,407,337	100,584,996	104,150,163	109,423,668
Net position, end of year	97,407,337	100,584,996	104,150,163	109,423,668	110,275,633
<b>ASSETS</b>					
Current assets, unrestricted	29,835,264	37,416,567	37,981,903	40,411,128	39,944,371
Current assets, retracted					
Noncurrent assets	181,818,542	176,312,628	177,020,383	177,459,476	174,633,772
Total assets	211,653,806	213,729,195	215,002,286	217,870,604	214,578,143
<b>LIABILITIES</b>					
Current liabilities	9,878,233	10,231,778	9,613,559	8,881,283	8,818,939
Noncurrent liabilities	104,368,236	102,912,421	101,238,564	99,565,653	95,483,571
Total liabilities	114,246,469	113,144,199	110,852,123	108,446,936	104,302,510
<b>NET ASSETS</b>					
Invested in capital assets, net of related debt	37,445,316	36,451,123	38,594,390	43,790,111	47,277,890
Restricted for repayment debt principal and interest	12,045,911	11,900,344	12,388,041	12,082,047	12,447,252
Unrestricted	47,916,110	52,233,529	53,167,732	53,551,510	50,550,491
Total net position	\$97,407,337	\$100,584,996	\$104,150,163	\$109,423,668	\$110,275,633

\* Certain balances have been reclassified or restated to conform to current year presentation.

**New Jersey Water Supply Authority  
SUMMARY OF FINANCIAL INFORMATION 2005- 2014**

2010	2011	2012	2013*	2014
\$23,031,803	\$24,095,286	\$23,513,508	\$23,430,025	\$23,240,511
<u>\$2,589,276</u>	<u>\$2,501,135</u>	<u>\$2,434,806</u>	<u>\$2,495,982</u>	<u>\$2,600,238</u>
25,621,079	26,596,421	25,948,314	25,926,007	25,840,749
<u>19,802,840</u>	<u>20,649,747</u>	<u>23,918,001</u>	<u>21,792,193</u>	<u>20,750,987</u>
5,818,239	5,946,674	2,030,313	4,133,814	5,089,762
681,411	632,306	2,884,459	7,283,979	603,011
<u>4,796,487</u>	<u>4,525,435</u>	<u>4,698,000</u>	<u>4,592,986</u>	<u>4,680,739</u>
1,703,163	2,053,545	216,772	6,824,807	1,012,034
<u>110,275,633</u>	<u>111,978,796</u>	<u>114,032,341</u>	<u>113,845,395</u>	<u>120,670,202</u>
111,978,796	114,032,341	114,249,113	120,670,202	121,682,236
33,994,171	36,101,110	43,454,301	47,973,586	42,022,618
			14,671,723	12,336,186
<u>177,515,802</u>	<u>174,004,657</u>	<u>166,188,362</u>	<u>148,706,097</u>	<u>152,709,699</u>
211,509,973	210,105,767	209,642,663	211,351,406	207,068,503
9,381,563	9,510,372	9,817,272	11,411,225	10,041,207
<u>90,149,614</u>	<u>86,563,054</u>	<u>85,576,278</u>	<u>79,269,979</u>	<u>75,345,060</u>
99,531,177	96,073,426	95,393,550	90,681,204	85,386,267
75,184,140	77,691,938	78,090,867	83,560,654	87,589,285
12,006,417	12,011,721	11,924,238	12,126,909	9,084,491
<u>24,788,239</u>	<u>24,328,682</u>	<u>24,234,008</u>	<u>24,982,639</u>	<u>25,008,460</u>
\$111,978,796	\$114,032,341	\$114,249,113	\$120,670,202	\$121,682,236

New Jersey Water Supply Authority  
 RARITAN BASIN SYSTEM  
 SUMMARY OF WATER USE CONTRACTS  
 DAILY CONTRACT IN MILLION GALLONS PER DAY - MGD

<u>WATER USER</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
UNITED WATER LAMBERTVILLE, INC	0.490	0.490	0.490	0.490	0.490
MERCER COUNTY PARK - GOLF	0.132	0.132	0.132	0.132	0.132
TRENTON COUNTRY CLUB	0.250	0.250	0.250	0.250	0.126
PRINCETON UNIVERSITY	0.500	0.500	0.500	0.500	0.150
NORTH BRUNSWICK TOWNSHIP	8.000	8.000	8.000	8.000	8.000
SELODY SOD FARMS, INC.	0.025	0.025	0.025	0.025	0.025
NEW JERSEY AMERICAN WATER	124.100	124.100	124.100	124.100	126.600
EAST BRUNSWICK TOWNSHIP	8.000	8.000	8.000	8.000	8.000
NEW BRUNSWICK, CITY OF	10.500	10.500	10.500	10.500	10.500
MIDDLESEX WATER COMPANY	27.000	27.000	27.000	27.000	27.000
ROYCE BROOK GOLF CLUB	0.536	0.536	0.536	0.536	0.165
DUKE FARMS	0.058	0.058	0.058	0.058	0.058
BOROUGH OF GLEN GARDNER		0.008	0.008	0.008	0.008
RIDGE AT BACK BROOK	0.111	0.111	0.111	0.111	0.111
ROXBURY WATER COMPANY	0.074	0.074	0.074	0.074	0.074
HUNTERDON COUNTY (HERON GLEN GOLF)	0.261	0.261	0.261	0.261	0.261
RARITAN VALLEY COUNTRY CLUB	0.012	0.012	0.012	0.012	0.012
EAST WINDSOR MUA	0.011	0.011	0.011	0.011	0.011
SOMERSET CTY (NESCHANIC VALLEY GOLF)	0.116	0.116	0.116	0.116	0.116
TRUMP NATIONAL GOLF CLUB	0.080	0.080	0.080	0.080	0.080
MORRIS COUNTY MUA	0.079	0.079	0.079	0.079	0.079
APPLIED WATER MGMT (MT. OLIVE TWP)	0.010	0.010	0.010	0.010	0.010
WASHINGTON TOWNSHIP MUA			0.025	0.025	0.025
ROXITICUS GOLF CLUB			0.046	0.046	0.046
HAMILTON GOLF CLUB					0.138
SPRINGDALE GOLF CLUB					0.098
NJ DEPT OF CORRECTIONS					
STONEBRIDGE COMMUNITY ASSOC					
VILLAGE GRANDE @ BEAR CREEK					
<b>SYSTEM TOTAL</b>	<u>180.345</u>	<u>180.353</u>	<u>180.424</u>	<u>180.424</u>	<u>182.315</u>

New Jersey Water Supply Authority  
 RARITAN BASIN SYSTEM  
 SUMMARY OF WATER USE CONTRACTS  
 DAILY CONTRACT IN MILLION GALLONS PER DAY - MGD

<u>WATER USER</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
UNITED WATER LAMBERTVILLE, INC	0.490	0.490	0.490	0.490	0.490
MERCER COUNTY PARK COMMISSION	0.132	0.132	0.132	0.132	0.067
TRENTON COUNTRY CLUB	0.126	0.126	0.126	0.126	0.126
PRINCETON UNIVERSITY	0.150	0.150	0.150	0.150	0.150
NORTH BRUNSWICK TOWNSHIP	8.000	8.000	8.000	8.000	8.000
SELODY SOD FARMS, INC.					
NEW JERSEY AMERICAN WATER	126.600	126.600	126.600	126.600	126.600
EAST BRUNSWICK TOWNSHIP	8.000	8.000	8.000	8.000	8.000
NEW BRUNSWICK, CITY OF	10.500	10.500	10.500	10.500	10.500
MIDDLESEX WATER COMPANY	27.000	27.000	27.000	27.000	27.000
ROYCE BROOK GOLF CLUB	0.165	0.165	0.165	0.165	0.165
DUKE FARMS	0.075	0.075	0.075	0.075	0.000
BOROUGH OF GLEN GARDNER	0.008	0.008	0.008	0.008	0.008
RIDGE AT BACK BROOK	0.111	0.111	0.111	0.111	0.111
ROXBURY WATER COMPANY	0.074	0.074	0.074	0.074	0.074
HUNTERDON COUNTY (HERON GLEN GOLF)	0.261	0.066	0.079	0.079	0.079
RARITAN VALLEY COUNTRY CLUB	0.012	0.012	0.012	0.012	0.012
EAST WINDSOR MUA	0.011	0.011	0.011	0.011	0.011
SOMERSET CTY (NESCHANIC VALLEY GOLF)	0.116	0.142	0.142	0.142	0.142
TRUMP NATIONAL GOLF CLUB	0.080	0.080	0.080	0.170	0.170
MORRIS COUNTY MUA	0.079	0.079	0.079	0.079	0.079
APPLIED WATER MGMT (MT. OLIVE TWP)	0.010	0.010	0.010	0.010	0.010
WASHINGTON TOWNSHIP MUA	0.025	0.025	0.025	0.025	0.025
ROXITICUS GOLF CLUB	0.046	0.046	0.046	0.046	0.046
HAMILTON FARM GOLF CLUB	0.138	0.138	0.138	0.138	0.138
SPRINGDALE GOLF CLUB	0.098	0.098	0.098	0.098	0.098
NJ DEPT OF CORRECTIONS	0.025		0.025	0.025	0.025
STONEBRIDGE COMMUNITY ASSOC				0.081	0.081
VILLAGE GRANDE@ BEAR CREEK					0.074
<b>SYSTEM TOTAL</b>	<u>182.332</u>	<u>182.138</u>	<u>182.176</u>	<u>182.347</u>	<u>182.281</u>

**New Jersey Water Supply Authority  
MANASQUAN WATER SUPPLY SYSTEM  
SUMMARY OF WATER USE CONTRACTS  
DAILY CONTRACT IN MILLION GALLONS PER DAY - MGD**

	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
WALL TOWNSHIP	2.275	2.275	2.275	2.275	2.275
BOROUGH OF AVON	0.142	0.142	0.142	0.142	0.142
SHORELANDS WATER COMPANY	1.900	1.900	1.927	1.928	1.928
NEW JERSEY AMERICAN WATER	12.500	12.500	12.500	12.500	12.500
BOROUGH OF RED BANK	0.778	0.778	0.778	0.778	0.778
BOROUGH OF SEA GIRT	0.075	0.075	0.075	0.075	0.075
BOROUGH OF SPRING LAKE	0.310	0.310	0.310	0.310	0.310
BOROUGH OF SPRING LAKE HEIGHTS	0.425	0.425	0.425	0.425	0.425
BOROUGH OF BELMAR	0.650	0.650	0.650	0.650	0.650
BOROUGH OF BRIELLE	0.450	0.450	0.450	0.450	0.450
BOROUGH OF KEYPORT	0.458	0.458	0.458	0.458	0.458
BOROUGH OF MATAWAN	0.469	0.469	0.469	0.469	0.469
BOROUGH OF LAKE COMO	0.100	0.100	0.100	0.100	0.100
	<u>20.532</u>	<u>20.532</u>	<u>20.559</u>	<u>20.560</u>	<u>20.560</u>
	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
WALL TOWNSHIP	2.275	2.275	2.275	2.275	2.275
BOROUGH OF AVON	0.142	0.142	0.142	0.142	0.142
SHORELANDS WATER COMPANY	1.928	1.928	1.928	1.928	1.928
NEW JERSEY AMERICAN WATER	12.500	12.500	12.500	12.500	12.500
BOROUGH OF RED BANK	0.778	0.778	0.778	0.778	0.778
BOROUGH OF SEA GIRT	0.075	0.075	0.075	0.075	0.075
BOROUGH OF SPRING LAKE	0.310	0.310	0.310	0.310	0.310
BOROUGH OF SPRING LAKE HEIGHTS	0.425	0.425	0.425	0.425	0.425
BOROUGH OF BELMAR	0.650	0.650	0.650	0.650	0.650
BOROUGH OF BRIELLE	0.450	0.450	0.450	0.450	0.450
BOROUGH OF KEYPORT	0.458	0.458	0.458	0.458	0.458
BOROUGH OF MATAWAN	0.469	0.469	0.469	0.469	0.469
BOROUGH OF LAKE COMO	0.100	0.100	0.100	0.100	0.100
	<u>20.560</u>	<u>20.560</u>	<u>20.560</u>	<u>20.560</u>	<u>20.560</u>

NOTE: The Manasquan System started operations July 1,1990.

**NEW JERSEY WATER SUPPLY AUTHORITY**

**RARITAN BASIN SYSTEM**

**SERIES 1988, D & R SYSTEM REVENUE BOND COVERAGE\***

**SERIES 1998, D & R SYSTEM REVENUE REFUNDING BOND COVERAGE**

Fiscal Year	Gross Revenue	Operating Expenses	Net Revenue Available for Debt Service	Debt Service Payments	Coverage
2014	\$17,584,676	\$12,099,450	\$5,485,226	\$2,669,875	2.05
2013	\$17,504,982	\$11,677,600	\$5,827,382	\$2,670,997	2.18
2012	\$17,799,191	\$11,935,100	\$5,864,091	\$2,680,266	2.19
2011	\$18,055,011	\$11,765,800	\$6,289,211	\$2,688,219	2.34
2010	\$17,968,946	\$11,678,300	\$6,290,646	\$2,698,931	2.33
2009	\$17,796,183	\$11,642,975	\$6,153,208	\$2,702,738	2.28
2008	\$18,213,509	\$11,627,200	\$6,586,309	\$2,711,294	2.43
2007	\$17,212,347	\$10,645,350	\$6,566,997	\$2,712,575	2.42
2006	\$17,058,438	\$9,672,400	\$7,386,038	\$2,716,950	2.72
2005	\$16,411,434	\$9,811,800	\$6,599,634	\$2,727,325	2.42

Note 1. Section 713 of the Delaware & Raritan Canal - Spruce Run/Round Valley Reservoirs System Bond Resolution, adopted November 17, 1988, requires that the Net Revenues in each fiscal year be at least 120% of the Debt Service on the 1988 bonds for the twelve-month period in such fiscal year.

**MANASQUAN RESERVOIR SYSTEM**

**SERIES 2005, MANASQUAN SYSTEM REVENUE BOND COVERAGE\***

Fiscal Year	Gross Revenue	Operating Expenses	Net Revenue Available for Debt Service	Debt Service Payments	Coverage
2014	\$8,456,993	\$2,981,200	\$5,475,793	\$4,082,274	1.340
2013	\$8,174,391	\$2,862,600	\$5,311,791	\$4,080,204	1.300
2012	\$8,210,668	\$2,866,100	\$5,344,568	\$4,071,454	1.310
2011	\$7,976,636	\$2,956,600	\$5,020,036	\$3,809,328	1.320
2010	\$7,785,670	\$2,823,200	\$4,962,470	\$3,816,713	1.300
2009	\$7,452,307	\$2,700,800	\$4,751,507	\$3,807,244	1.250
2008	\$7,793,042	\$2,589,700	\$5,203,342	\$4,218,907	1.230
2007	\$7,125,334	\$1,874,412	\$5,250,922	\$4,205,323	1.250
2006	\$7,581,966	\$2,515,900	\$5,066,066	\$4,198,013	1.207
2005	\$7,515,228	\$2,380,100	\$5,135,128	\$4,199,978	1.223

Note 1. Section 712 of the Manasquan Reservoir System Bond Resolution, adopted June 6, 2005, requires that the Net Revenues in each fiscal year be at least 120% of the Debt Service on the 2005 Bonds for the twelve-month period in such fiscal year.

\* Numbers to calculate bond coverage were extracted from the corresponding budget for the applicable fiscal year.

**New Jersey Water Supply Authority  
DELAWARE AND RARITAN CANAL - SPRUCE RUN/ROUND VALLEY RESERVOIRS SYSTEM  
WATER CHARGES PER MILLION GALLONS OF RAW WATER DAILY**

EFFECTIVE DATE	7/1/99	7/1/00	7/1/01	7/1/02	7/1/03	7/1/04	7/1/05	7/1/06
RATE PER MGD	\$205.00	\$205.00	\$205.00	\$205.00	\$210.00	\$215.00	\$215.00	\$228.00
EFFECTIVE DATE	7/1/07	7/1/08	7/1/09	7/1/10	7/1/11	7/1/12	7/1/13	7/1/14
RATE PER MGD	\$228.00	\$231.00	\$231.00	\$231.00	\$231.00	\$231.00	\$231.00	\$246.00

**New Jersey Water Supply Authority  
MANASQUAN WATER SUPPLY SYSTEM  
WATER CHARGES PER MILLION GALLONS OF RAW WATER DAILY**

EFFECTIVE DATE	7/01/99	7/01/00	7/01/01	7/01/02	7/01/03	7/01/04	7/01/05	7/01/06
RATE PER MGD (Delayed Contracts)	\$695.31	\$728.81	\$797.92 \$1,035.50	\$794.97 \$1,047.96	\$794.97 \$1,065.45	\$921.64 \$1,186.00	\$895.01 \$1,164.26	\$833.27 \$1,074.02
EFFECTIVE DATE	7/01/07	7/01/08	7/01/09	7/01/10	7/01/11	7/01/12	7/01/13	7/01/14
RATE PER MGD (Delayed Contracts)	\$846.06 \$1,081.96	\$884.11 \$1,079.80	\$980.05 \$1,175.03	\$980.48 \$1,167.98	\$1,015.90 \$1,168.71	\$1,015.90 \$1,168.49	\$1,015.90 \$1,168.49	\$1,015.90 \$1,168.49

NOTE: The Manasquan System started operations July 1, 1990.

**New Jersey Water Supply Authority  
RARITAN BASIN SYSTEM  
SPRUCE RUN RAIN GAUGE (INCHES)**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2014	2.56	2.04	3.12	7.35	2.66	4.25	3.96	1.96	1.57	3.20	3.48	3.38	39.53
2013	2.67	1.65	2.08	2.16	6.27	10.40	5.85	3.79	3.94	0.79	2.77	3.66	46.03
2012	2.99	0.94	0.84	2.86	3.67	3.88	1.78	2.80	4.34	2.68	0.73	4.58	32.09
2011	0.87	2.93	6.97	6.48	4.38	2.62	4.19	14.21	13.49	1.63	4.90	4.09	66.76
2010	2.30	1.90	7.40	3.10	3.60	3.50	8.20	1.30	3.30	4.30	1.94	2.52	43.36
2009	1.93	0.52	1.43	2.70	4.73	6.58	8.69	7.62	2.73	4.66	0.91	5.85	48.35
2008	1.60	4.45	5.97	2.23	3.87	1.93	4.89	2.46	7.94	3.90	2.96	5.54	47.74
2007	3.28	1.03	2.99	9.59	1.57	3.73	6.67	4.56	0.98	7.56	2.84	4.83	49.63
2006	5.46	1.42	0.89	4.30	3.21	8.02	4.16	1.71	3.81	5.22	4.72	1.80	44.72
2005	3.80	2.50	3.70	4.90	1.10	1.50	2.00	2.40	0.30	13.30	4.27	3.11	42.88
TOTAL	27.46	19.38	35.39	45.67	35.06	46.41	50.39	42.81	42.40	47.24	29.52	39.36	461.09
AVERAGE	2.75	1.94	3.54	4.57	3.51	4.64	5.04	4.28	4.24	4.72	2.95	3.94	46.11
MAXIMUM	5.46	4.45	7.40	9.59	6.27	10.40	8.69	14.21	13.49	13.30	4.90	5.85	66.76
MINIMUM	0.87	0.52	0.84	2.16	1.10	1.50	1.78	1.30	0.30	0.79	0.73	1.80	32.09

**New Jersey Water Supply Authority  
RARITAN BASIN SYSTEM  
WEST WINDSOR RAIN GAUGE (INCHES)**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2014	2.59	3.45	4.59	7.36	3.05	3.58	7.61	2.80	1.05	4.42	5.00	5.35	50.85
2013	3.15	2.59	3.06	2.40	3.48	10.78	5.70	4.87	2.37	0.87	3.83	3.88	46.98
2012	3.51	1.73	1.58	2.94	5.58	3.82	4.94	4.93	2.36	5.30	1.42	4.99	43.10
2011	1.06	2.88	5.93	6.87	5.14	3.42	4.56	17.31	9.11	1.00	3.49	4.22	64.99
2010	2.70	2.90	10.30	3.20	3.00	2.20	2.70	2.60	2.90	4.80	2.31	2.97	42.58
2009	2.57	0.50	1.25	3.17	6.58	8.09	7.46	8.90	2.10	5.76	1.60	6.21	54.19
2008	2.59	5.95	5.20	2.58	4.76	2.65	5.38	2.04	8.85	4.02	3.62	6.17	53.81
2007	3.24	2.02	4.24	11.56	2.60	4.64	4.17	3.84	1.50	5.58	2.45	5.84	51.68
2006	6.20	1.40	1.30	3.67	3.76	9.30	2.90	1.00	3.76	8.04	5.40	2.52	49.25
2005	4.20	2.80	3.70	4.80	1.80	3.80	4.70	1.80	2.40	11.40	3.50	3.50	48.40
TOTAL	31.81	26.22	41.15	48.55	39.75	52.28	50.12	50.09	36.40	51.19	32.62	45.65	505.83
AVERAGE	3.18	2.62	4.12	4.86	3.98	5.23	5.01	5.01	3.64	5.12	3.26	4.57	50.58
MAXIMUM	6.20	5.95	10.30	11.56	6.58	10.78	7.61	17.31	9.11	11.40	5.40	6.21	64.99
MINIMUM	1.06	0.50	1.25	2.40	1.80	2.20	2.70	1.00	1.05	0.87	1.42	2.52	42.58

New Jersey Water Supply Authority  
**RARITAN BASIN SYSTEM**  
**SPRUCE RUN RESERVOIR STORAGE**  
**BILLION GALLONS**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2014	8.4	9.1	9.2	10.0	11.4	10.5	10.5	10.5	8.2	5.0	4.5	4.7
2013	7.8	8.5	9.2	9.8	10.6	11.0	10.9	10.7	10.6	9.8	8.3	7.5
2012	9.9	10.2	10.1	10.5	11.0	11.0	10.9	9.2	8.0	6.4	6.3	6.4
2011	8.2	8.3	9.9	10.8	11.0	11.0	11.0	10.0	11.0	11.2	9.9	10.8
2010	10.7	10.5	10.7	11.2	11.0	11.0	10.5	9.3	7.9	6.1	7.1	7.4
2009	9.5	10.1	10.0	10.6	10.7	11.1	11.1	11.1	10.7	10.4	10.8	10.7
2008	9.7	10.0	10.6	10.3	11.0	11.0	10.6	9.2	7.6	6.7	6.4	7.1
2007	11.1	11.0	10.1	11.0	11.0	11.0	10.6	10.0	9.6	7.2	7.2	7.9
2006	10.9	11.1	11.0	11.0	10.8	11.0	11.0	11.0	9.1	9.8	10.7	11.0
2005	11.1	11.1	11.0	11.1	11.1	10.9	10.3	9.7	8.2	6.1	8.1	9.2
AVERAGE	9.7	10.0	10.2	10.6	11.0	10.9	10.7	10.1	9.1	7.9	7.9	8.3
MAXIMUM	11.1	11.1	11.0	11.2	11.4	11.1	11.1	11.1	11.0	11.2	10.8	11.0
MINIMUM	7.8	8.3	9.2	9.8	10.6	10.5	10.3	9.2	7.6	5.0	4.5	4.7

MAXIMUM CAPACITY 11.0 BG

New Jersey Water Supply Authority  
**RARITAN BASIN SYSTEM**  
**ROUND VALLEY RESERVOIR STORAGE**  
**BILLION GALLONS**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2014	52.6	52.7	53.1	53.3	53.9	53.7	51.7	50.1	49.9	49.6	48.6	48.4
2013	51.6	51.7	51.7	51.8	51.8	52.1	52.7	53.1	53.2	53.0	52.6	52.5
2012	52.6	52.7	52.7	52.7	52.8	53.1	52.9	51.5	51.6	51.5	51.7	51.3
2011	48.1	48.2	48.4	48.9	51.2	52.0	52.0	51.0	51.6	52.1	52.1	52.3
2010	54.7	54.8	55.0	55.1	54.8	55.1	54.6	53.4	50.5	48.4	48.2	48.2
2009	51.3	51.3	51.3	51.5	52.8	53.8	54.1	54.4	54.6	54.5	54.5	54.4
2008	53.4	53.4	53.9	54.4	54.5	54.6	54.5	53.5	51.1	51.1	51.0	51.1
2007	53.1	53.2	53.1	53.5	54.3	54.3	54.4	54.5	54.2	53.5	53.2	53.1
2006	49.1	49.5	49.5	49.4	50.6	52.1	52.6	52.9	52.7	52.7	52.8	53.1
2005	55.0	55.0	55.0	55.2	55.0	54.9	54.5	54.3	51.2	49.1	48.9	49.1
AVERAGE	52.15	52.25	52.37	52.58	53.17	53.57	53.41	52.87	52.05	51.55	51.36	51.35
MAXIMUM	55.0	55.0	55.0	55.2	55.0	55.1	54.6	54.5	54.6	54.5	54.5	54.4
MINIMUM	48.1	48.2	48.4	48.9	50.6	52.0	51.7	50.1	49.9	48.4	48.2	48.2

MAXIMUM CAPACITY 55.0 BG

**New Jersey Water Supply Authority  
MANASQUAN SYSTEM RAINFALL  
INCHES**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
2014	2.31	3.16	3.13	6.95	2.92	3.46	6.42	5.79	1.77	5.07	5.33	5.81
2013	2.66	3.65	3.08	2.17	4.24	9.29	4.31	3.55	1.92	1.06	2.61	7.71
2012	2.48	1.45	1.48	2.87	4.30	5.03	3.21	5.75	5.79	5.01	1.87	4.51
2011	4.26	2.39	5.00	5.13	3.38	2.71	3.71	17.87	5.62	4.51	3.33	4.75
2010	2.52	3.85	10.47	2.51	3.58	1.17	5.88	0.97	3.99	4.23	1.98	10.47
2009	4.00	0.47	2.13	6.04	3.48	6.83	5.42	3.67	5.89	4.83	2.51	6.91
2008	2.31	4.30	3.55	2.46	4.54	4.37	3.77	1.79	6.93	1.81	5.08	5.91
2007	3.37	2.17	4.12	9.60	1.39	5.91	5.69	2.96	0.38	4.20	2.01	2.21
2006	5.48	1.34	1.25	3.89	3.40	5.89	3.45	2.92	7.93	5.74	6.60	3.97
2005	3.07	2.19	4.06	4.14	2.71	4.13	4.44	1.71	1.99	15.60	3.77	
TOTAL	32.46	24.97	38.27	45.76	33.94	48.79	46.30	46.98	42.21	52.06	35.09	52.25
AVERAGE	3.25	2.50	3.83	4.58	3.39	4.88	4.63	4.70	4.22	5.21	3.51	5.81
MAXIMUM	5.48	4.30	10.47	9.60	4.54	9.29	6.42	17.87	7.93	15.60	6.60	10.47
MINIMUM	2.31	0.47	1.25	2.17	1.39	1.17	3.21	0.97	0.38	1.06	1.87	2.21

NOTE: The Manasquan System started operations July 1, 1990

**New Jersey Water Supply Authority  
MANASQUAN RESERVOIR STORAGE DATA  
BILLION GALLONS**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
2014	4.59	4.62	4.61	4.62	4.62	4.55	4.35	4.15	3.64	3.52	3.86	4.46
2013	4.57	4.61	4.58	4.52	4.59	4.35	4.21	3.88	3.69	3.47	3.42	4.33
2012	4.59	4.51	4.56	4.56	4.56	4.39	4.08	4.85	3.83	3.66	3.92	4.49
2011	4.26	4.37	4.48	4.56	4.56	4.49	4.32	4.15	3.98	3.95	4.39	4.13
2010	4.60	4.58	4.64	4.60	4.58	4.32	3.92	3.52	3.03	3.18	3.23	3.48
2009	4.60	4.63	4.61	4.63	4.62	4.59	4.51	4.42	4.26	4.44	4.47	4.65
2008	4.24	4.55	4.58	4.61	4.60	4.49	4.19	3.84	3.49	3.42	3.43	3.90
2007	4.57	4.45	4.55	4.61	4.44	4.19	4.12	4.04	3.81	3.43	3.26	3.49
2006	4.62	4.60	4.57	4.56	4.56	4.56	4.54	4.14	4.21	4.40	4.42	4.29
2005	4.55	4.46	4.57	4.66	4.62	4.55	4.52	4.24	3.71	3.63	4.17	4.29
AVERAGE	4.52	4.54	4.57	4.59	4.57	4.45	4.28	4.12	3.76	3.71	3.86	4.15
MAXIMUM	4.62	4.63	4.64	4.66	4.62	4.59	4.54	4.85	4.26	4.44	4.47	4.65
MINIMUM	4.24	4.37	4.48	4.52	4.44	4.19	3.92	3.52	3.03	3.18	3.23	3.48

MAXIMUM CAPACITY 4.7 BG

NEW JERSEY WATER SUPPLY AUTHORITY  
BONDS, NOTES AND LOANS PAYABLE

Raritan Basin System Debt as of June 30, 2014

NJ Environmental Infrastructure Financing Program

Principal Outstanding	\$12,511,430
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Manasquan Reservoir System Debt as of June 30, 2013

Manasquan Reservoir Water Supply System State Loan Notes

Principal Outstanding	\$ 82,904
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Deferred Principal Outstanding	\$ 33,566,892
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Manasquan Reservoir Water Supply System Revenue Bonds, Series 2005

Principal Outstanding	\$ 28,900,000
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NJ Environmental Infrastructure Financing Program

Principal Outstanding	\$ 2,767,106
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NEW JERSEY WATER SUPPLY AUTHORITY  
 TEN LARGEST STATE OF NEW JERSEY EMPLOYERS  
 2012 AS COMPARED TO 2003

2012 RANK	EMPLOYER	NEW JERSEY EMPLOYEES	PERCENTAGE OF TOTAL NEW JERSEY EMPLOYMENT
1	New Jersey State Government	69,195	1.7%
2	Wakefern Food Corporation (ShopRite)	35,734	0.9
3	Wal-Mart Stores, Inc.	17,661	0.4
4	United Parcel Service (UPS)	16,607	0.4
5	Verizon Communications	15,400	0.4
6	Johnson & Johnson	14,500	0.3
7	The Home Depot	13,628	0.3
8	United Continental Holdings (formerly Continental Airlines)	13,600	0.3
9	The Great Atlantic & Pacific Tea Company (A&P)	12,373	0.3
10	Caesars Entertainment Corporation (formerly Harrah's Entertainment, L.L.C.)	12,194	0.3
		220,352	5.3%

2003 RANK	EMPLOYER	NEW JERSEY EMPLOYEES	PERCENTAGE OF TOTAL NEW JERSEY EMPLOYMENT
1	New Jersey State Government	75,846	1.9%
2	Wakefern Food Corporation (ShopRite)	32,769	0.8
3	United Parcel Service (UPS)	18,000	0.4
4	Verizon Communications	14,923	0.4
5	Caesars Entertainment Corporation (formerly Harrah's Entertainment, L.L.C.)	14,569	0.4
6	American Telephone & Telegraph (AT&T)	13,960	0.3
7	Pathmark Stores, Inc.	12,600	0.3
8	Home Depot	12,600	0.3
9	Johnson & Johnson	11,500	0.3
10	Continental Airlines	10,000	0.3
		217,167	5.4%

Notes:

Aggregate New Jersey resident employment for Calendar Year 2012 and 2003 totaled 4.159 million and 4.089 million, respectively. New Jersey State Government data excludes State authorities, colleges and universities.

New Jersey Business' Top 100 Employers data derived from annual questionnaires submitted by private sector respondents, excluding government, higher education institutions, and non-profit hospitals.

Sources:

Saliba, G.N. (2013, August). 41<sup>st</sup> annual top 100 employers. New Jersey Business. 59(8), 48-55.

Saliba, G.N. (2004, May). 32<sup>nd</sup> annual top 100 employers. New Jersey Business, 50(5), 27-31.

Data reprinted with permission from the New Jersey Business and Industry Association.

New Jersey Department of the Treasury, Office of Management and Budget.

New Jersey Department of the Treasury, Office of Revenue & Economic Analysis.

NEW JERSEY WATER SUPPLY AUTHORITY  
STATE OF NEW JERSEY POPULATION AND EMPLOYMENT TRENDS  
(EXPRESSED IN THOUSANDS)

YEAR	NEW JERSEY POPULATION	CIVILIAN LABOR FORCE	RESIDENT EMPLOYMENT	RESIDENT UNEMPLOYMENT	NEW JERSEY UNEMPLOYMENT RATE	UNITED STATES UNEMPLOY MENT RATE
2003	8,583	4,344	4,089	255	5.9%	6.0%
2004	8,612	4,347	4,134	213	4.9	5.5
2005	8,622	4,404	4,208	196	4.5	5.1
2006	8,624	4,465	4,257	208	4.7	4.6
2007	8,636	4,457	4,266	191	4.3	4.6
2008	8,663	4,509	4,261	248	5.5	5.8
2009	8,708	4,545	4,137	408	9.0	9.3
2010	8,803	4,548	4,111	437	9.6	9.6
2011	8,835	4,545	4,120	425	9.4	8.9
2012	8,865	4,595	4,159	436	9.5	8.1

Notes:

New Jersey Population data for 2010 through 2011 has been revised.

Resident Employment, Resident Unemployment and Civilian Labor Force data for 2009 through 2011 has been revised.

New Jersey Unemployment Rate data for 2009 and 2011 has been revised.

Sources:

United States Census Bureau, Population Division.

New Jersey Department of the Treasury, Office of Revenue & Economic Analysis.

STATE OF NEW JERSEY  
VALUATIONS OF TAXABLE REAL PROPERTY, PERSONAL AND PER CAPITA INCOME  
(EXPRESSED IN THOUSANDS EXCEPT AS INDICATED)

YEAR	NEW JERSEY POPULATION <sup>1</sup>	ASSESSED VALUATION OF PROPERTY <sup>2</sup>	TRUE VALUATION OF PROPERTY <sup>3</sup>	PERSONAL INCOME (MILLION) <sup>4</sup>	PER CAPITA INCOME <sup>4</sup>
2003	8,583	\$570,093,393	\$820,488,289	\$347,692	\$40,507
2004	8,612	608,225,244	936,643,256	365,260	42,415
2005	8,622	665,682,726	1,079,838,476	379,650	44,034
2006	8,624	774,898,624	1,235,285,449	411,429	47,709
2007	8,636	834,781,642	1,326,296,906	436,120	50,500
2008	8,663	893,342,423	1,355,003,641	454,206	52,428
2009	8,708	959,281,558	1,331,603,905	430,956	49,491
2010	8,803	983,962,996	1,278,578,128	443,742	50,406
2011	8,835	988,355,702	1,235,474,241	462,494	52,349
2012	8,865	990,696,982	1,183,032,331	475,393	53,628

<sup>1</sup> Data for 2010 through 2011 has been revised.

<sup>2</sup> Data for 2003 through 2011 has been revised.

<sup>3</sup> Data for 2003, 2004 and 2010 has been revised.

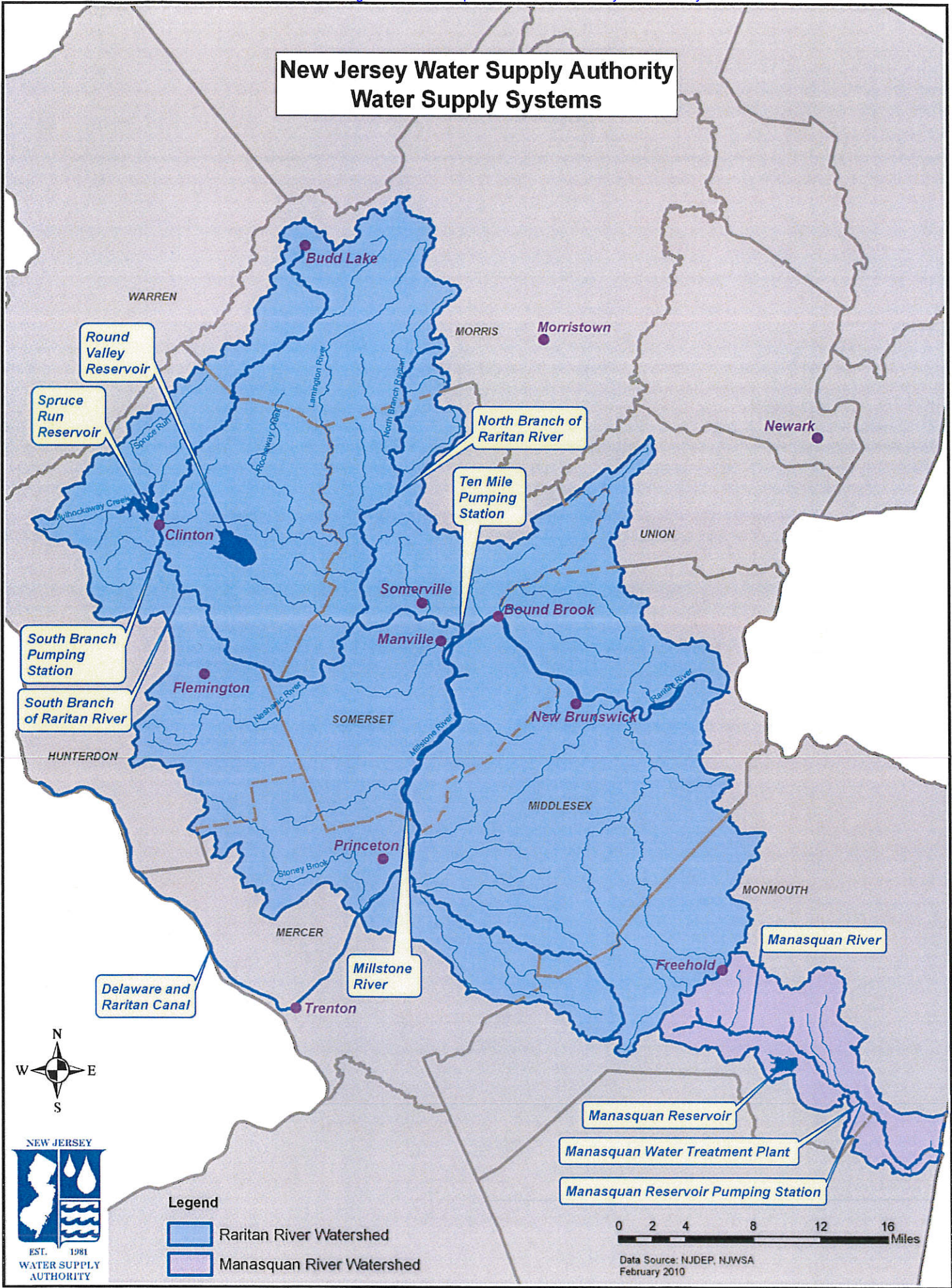
<sup>4</sup> Data for 2009 through 2011 has been revised.

Sources:

United States Census Bureau, Population Division.

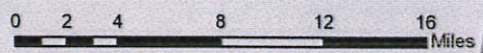
New Jersey Department of the Treasury, Office of Revenue & Economic Analysis.

# New Jersey Water Supply Authority Water Supply Systems



- Legend**
- Raritan River Watershed
  - Manasquan River Watershed

- Manasquan Reservoir
- Manasquan Water Treatment Plant
- Manasquan Reservoir Pumping Station



Data Source: NJDEP, NJWSA  
February 2010

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