



Monroe County Water Authority

2015 Annual Report to NYS Authorities Budget Office

**475 Norris Drive
Rochester, New York 14610
(585) 442-2000**

Monroe County Water Authority Description

The Monroe County Water Authority is the third largest water supplier in New York State and one of the 60 largest water suppliers in the United States.

The Authority was formed in 1950 and commenced full-scale operations in 1959 when it acquired the Monroe County assets of the New York Water Service Corporation, a private water company that served a limited portion of Monroe County. Today the Authority operates and manages a regional water supply and distribution system that includes the single largest water treatment plant in New York State and provides water to over 600,000 individuals, servicing approximately 182,000 direct retail accounts and approximately 18,000 accounts in wholesale supply areas. The Authority's customers are located in all of the towns and villages in Monroe County and certain municipalities in Ontario, Genesee, Livingston, Orleans and Wayne Counties.

The facilities that comprise the Water System are either owned by the Authority, or leased on a long-term basis from Monroe County or other municipalities or water districts. Leased facilities are operated and maintained at the expense of the Authority. The Authority has the right under its lease agreements to make improvements to such facilities and to interconnect other facilities operated by the Authority, as well as to take a supply of water without main rentals or surcharges.

NEW YORK STATE PUBLIC AUTHORITIES LAW

TITLE 5

MONROE COUNTY WATER AUTHORITY

- Section 1093 Short title.
- 1094 Definitions.
- 1095 Monroe county water authority.
- 1096 Powers of the authority.
- 1096-a Additional duties of the authority.
- 1097 Money of the authority.
- 1098 Bonds of the authority.
- 1099 Notes of the authority.
- 1100 Duty of authority to maintain and operate.
- 1101 Transfer of officers and employees.
- 1102 Agreements of the state.
- 1103 State, county and municipalities not liable on bonds or notes.
- 1104 Bonds and notes legal investments for fiduciaries.
1105. Exemption from taxes.
1106. Tax contract by the state.
1107. Officers and employees not to be interested in transactions.
1108. Contracts.
1109. Actions.
1110. Audit of authority; annual report.
1111. Limitation of liability.
1112. Title not affected if in part unconstitutional or ineffective.
1113. Effect of inconsistent provisions.

§ 1093. Short title. This title may be cited as the "Monroe County Water Authority Act."

§ 1094. Definitions. As used or referred to in this title, unless a different meaning clearly appears from the context,

1. The term "authority" shall mean the corporation created by section one thousand ninety-five of this title;

2. The term "county" shall mean the county of Monroe;

3. The term "treasurer" shall mean the treasurer of the authority;

4. The term "comptroller" shall mean the comptroller of the state of New York;

5. The term "civil service commission" shall mean the civil service commission of the county of Monroe;

6. The term "properties" shall mean the water supply and distribution system or systems of the authority, including the plants, works, instrumentalities or parts thereof and appurtenances thereto, lands, easements, rights in land and water rights, rights-of-way, contract rights, franchises, approaches, connections, dams, reservoirs, water mains and pipe lines, pumping stations and equipment, and also including, without limitation, facilities and appurtenances thereto, some part of the capacity or use of which is used or to be used by or for the benefit of a municipality or municipalities or other corporation or corporations pursuant to contracts authorized by subdivision sixteen of section ten hundred ninety-six of this title, or any other property incidental to and included in such system or part thereof, and any improvements, extensions, and betterments, situated within the territorial limits of the county, or in Genesee county, or in the town or village of Victor and the towns of East Bloomfield and West Bloomfield in Ontario county, or in the village of Holley and the town of Clarendon in Orleans county;

7. The term "bonds" shall mean the bonds, notes and obligations, issued by the authority, pursuant to this act;

8. The term "revenues" shall mean all rents, charges and other income derived from the operation of the properties of the authority;

9. The term "municipality" shall mean any county, city, town, village, town water district, fire district, fire protection district, fire alarm district, school district, and any other political subdivision of the state.

10. The term "Genesee county project" shall mean the construction, installation, equipping and/or financing of such properties, as such term is defined in subdivision six of this section, as are necessary for the authority to provide service to Genesee county or any municipality therein on the terms set forth in this title.

§ 1095. Monroe county water authority. 1. A corporation known as "Monroe County Water Authority" is hereby created and continued for the purposes and charged with the duties and having the powers provided in this title. The authority shall be a body corporate and politic constituting a public benefit corporation and shall be a "public district" for the purposes of section eighty-nine-1 of the public service law. It shall consist of seven members, no more than five of whom shall belong to one political party and all of whom shall be

residents of the county, who shall be appointed by the president of the county legislature of Monroe county subject to confirmation by a majority of the county legislature of Monroe county. The five persons serving as members of the authority on and immediately prior to the effective date of this act, or any person appointed to fill a vacancy for the unexpired term of such a member, shall continue as members of the authority for their present terms of office, or the term of his predecessor in the case of the filling of a vacancy, or until their successor is appointed and qualified and, thereafter, subsequent appointments to such membership positions shall be for terms of five years. After the effective date of this act the two additional members of the authority, in addition to the five memberships existing on and immediately prior to the effective date of this act, shall be appointed by the president of the county legislature of Monroe county subject to confirmation by a majority of the county legislature of Monroe county, one such appointment to be for a term of office expiring on April first, nineteen hundred eighty-one and one such appointment to be for a term of office expiring April first, nineteen hundred eighty-two; upon the expiration of the initial terms of office of such two additional members, subsequent appointments to fill such memberships shall be for terms of five years. In addition, such additional two appointments shall be made in such manner so as to provide that the membership of the authority be composed of seven members, of whom not more than five shall belong to the same political party.

Subsequent appointments shall be made in the same manner and for terms of five years. All members shall continue to hold office until their successors are appointed and qualify. The chairman shall be elected annually by the members of the authority. Vacancies, occurring otherwise than by expiration of term of office, shall be filled by appointments by the county legislature for the unexpired terms. Members of the authority may be removed from office for the same reasons and in the same manner as may be provided by law for the removal of officers of the county. The members of the authority shall receive such compensation for their services as shall be fixed by the county legislature and shall be reimbursed for all their actual and necessary expenses incurred in connection with the carrying out of the purposes of this title. The powers of the authority shall be vested in and be exercised by the members at a meeting duly called and held and four members shall constitute a quorum. No action shall be taken except pursuant to the favorable vote of at least four members. The authority may delegate to one or more of its members, officers, agents or employees such powers and duties as it may deem proper. The president of the Monroe county legislature shall further appoint two persons from such legislature for the term of their offices, one from the majority party and one from the minority party, to serve as legislative liaisons to the authority on behalf of such legislature.

2. The authority and its corporate existence shall continue until all its liabilities have been met, other than its liabilities to the county pursuant to any agreements entered into pursuant to subdivision sixteen-b of section one thousand ninety-six, and its bonds have been paid in full or such liabilities or bonds have otherwise been discharged and thereupon all rights and properties of the authority, including its water properties as defined in subdivision sixteen-b of section one thousand ninety-six, shall pass to and be vested in the county; provided, however, that if at the time all such rights and properties of the authority shall pass to and be vested in the county, the authority and such county are parties to any agreement and any supplemental agreements thereto entered into pursuant to subdivision sixteen-b of section one thousand ninety-six, then the authority and its corporate existence and the powers herein provided for shall continue so long as is necessary to enable the authority to exercise the rights and duties and fulfill the obligations imposed upon the authority by the provisions of any such agreement and any supplemental agreements thereto.

3. The officers of the authority shall consist of a chairman, a vice-chairman and a treasurer, who shall be members of the authority, and a secretary, who need not be a member of the authority. The vice-chairman, treasurer and secretary shall be appointed by the authority and shall serve at the pleasure of the authority. The authority may appoint and at pleasure remove an attorney and an engineer, which positions, in addition to the position of secretary, shall be in the exempt class of the civil service and such additional officers and employees as it may require for the performance of its duties, fix and determine their qualifications, duties, and compensation, subject to the provisions of the civil service law of the state of New York and such rules as the civil service commission of the county of Monroe may adopt and make applicable to such authority. The authority may also from time to time contract for expert professional services. The treasurer shall execute a bond, conditioned upon the faithful performance of the duties of his office, the amount and sufficiency of which shall be approved by the authority and the premium therefor shall be paid by the authority.

4. It is hereby determined and declared that the authority and the carrying out of its powers, purposes and duties are in all respects for the benefit of the people of the county of Monroe and the state of New York, for the improvement of their health, welfare and prosperity and that the said purposes are public purposes and that the authority is and will be performing an essential governmental function in the exercise of the powers conferred upon it by this title.

5. Upon creation of the authority, from time to time the board of supervisors, may, by resolution, appropriate sums of money to defray the expenses of the authority. The moneys so appropriated shall be repaid by the authority to the county out of the proceeds of the first bond issue of the authority. The provisions of this subdivision shall not be applicable to payments made by the county for the financing of

any water facilities in accordance with the provisions of subdivision sixteen-b of section one thousand ninety-six of this title.

6. Neither the public service commission nor any other board or commission of like character, shall have jurisdiction over the authority in the management and control of its properties or operations or any power over the regulation of rates fixed or charges collected by the authority.

§ 1096. Powers of the authority. The authority shall have power:

1. To sue and be sued;
2. To have a seal and alter the same at pleasure;

3. To acquire, in the name of the authority, lease, hold and dispose of personal property or any interest therein for its corporate purposes, including the power to purchase prospective or tentative awards in connection with the exercise of the power of condemnation hereinafter granted;

4. To purchase or lease, in the name of the authority, any water supply system, water distribution system, including plants, works, instrumentalities or parts thereof and appurtenances thereto, lands, easements, rights in land and water rights, rights-of-way, contract rights, franchises, approaches, connections, dams, reservoirs, water mains and pipe lines, pumping stations and equipment, or any other property incidental to and included in such system or part thereof, and any improvements, extensions, and betterments, situated within the county, or in Genesee county, or in the town or village of Victor, the village of Bloomfield, and the towns of East Bloomfield, Canadice, Richmond and West Bloomfield in Ontario county, or in the village of Holley and the towns of Clarendon and Kendall in Orleans county for the purpose of supplying water for domestic, commercial, and public purposes at retail to individual consumers within the county of Monroe or in the manner provided by subdivision seven of this section; and as a means of so acquiring for such purposes, and subject to the approval of the public service commission, the authority may purchase all of the stock of any existing privately owned water corporation or company, and thereafter, within a reasonable time, such water corporation or company shall be dissolved;

5. To condemn in the name of the authority in the counties of Monroe and Genesee, or in any other county or municipality specifically enumerated in the first sentence of subdivision six of this section, or in the name of the county in the case of any water facilities to be owned and financed by the county pursuant to subdivision sixteen-b of this section, except where located in any other county or municipality, any water supply system, water distribution system, including plants, works, instrumentalities, or parts thereof and appurtenances thereto, lands, easements, rights in land and water rights, rights-of-way, contract rights, franchises, approaches, connections, dams, reservoirs, water mains and pipe lines, pumping stations and equipment, or any other property incidental to and included in such system or part thereof, and any improvements, extensions, and betterments for the purpose of supplying water for domestic, commercial, and public purposes at retail to individual consumers within the counties of Monroe and Genesee or in any other county or municipality specifically enumerated in the first sentence of subdivision six of this section, or at wholesale in the manner provided by subdivision seven of this section. The authority shall exercise the power of condemnation hereby granted in the manner provided by the eminent domain procedure law or any such proceeding to condemn may be instituted by the authority before a justice of the supreme court or an official referee thereof. In the exercise of such power of condemnation, the property being condemned shall be deemed, when so determined by the authority, to be for a public use superior to the public use in the hands of any other person, association, or corporation; provided, however, that the authority shall have no power to condemn property the legal title to which is vested in a municipality or in a private corporation owning such property primarily for its own use, unless such municipality or private corporation shall consent thereto;

6. To construct and develop any water supply system, water distribution system, including plants, works, instrumentalities, or parts thereof, and appurtenances thereto, dams, reservoirs, water mains, pipe lines, pumping stations and equipment, or any other property incidental to or included in such system or part thereof within the county of Monroe, or in Genesee county, or in the town or village of Victor, the village of Bloomfield and the towns of East Bloomfield, Canadice, Richmond and West Bloomfield in Ontario county, or in the village of Holley and the towns of Clarendon and Kendall in Orleans county. To acquire, by condemnation, in the name of the authority in the counties of Monroe and Genesee, or in any other county or municipality specifically enumerated in the first sentence of this subdivision, or in the name of the county of Monroe in the case of any water facilities to be owned and financed by such county pursuant to subdivision sixteen-b of this section, lands, easements, rights in land and water rights, and rights-of-way within the counties of Monroe and Genesee, or in any other county or municipality specifically enumerated in the first sentence of this subdivision, in the manner provided by this title; or to purchase or lease lands, easements, rights in land and water rights, and rights-of-way in connection therewith within the county of Monroe or within Genesee county, or in any other county or municipality specifically enumerated in the first sentence of this subdivision; and to own and operate, maintain, repair, improve, reconstruct, enlarge, and extend, subject to the provisions of this title, any of its properties acquired or constructed under this title, all of which, together with the acquisition of such properties, are hereby declared to be public purposes;

6-a. The authority shall not exercise any of the powers granted in subdivisions four and six of this section with respect to the acquisition, purchase, leasing, construction, or development of property outside of the county without first having obtained the prior approval of such purchase, leasing, acquisition, construction, or development of such property outside of the county by resolution of the legislative body of the municipality wherein the affected property outside of the county is located. Notwithstanding any inconsistent provision of any general, special, or local law, ordinance, resolution, or charter, any public corporation or improvement district thereof may, by a majority vote of its governing body, give, grant, sell, convey, lend, license the use of, or lease to the authority any property or facilities, including any water supply system, water distribution system, including plants, works, instrumentalities or parts thereof and appurtenances thereto, lands, easements, rights in land and water rights, rights-of-way, contract rights, franchises, approaches, connections, dams, reservoirs, water mains and pipe lines, pumping stations and equipment, or any other property incidental to and included in such system or part thereof, and any improvements, extensions, and betterments for the purpose of supplying water for domestic, commercial, industrial and public purposes, which property or facilities are useful in connection with the exercise by the authority of its powers under this title. Any such gift, grant, sale, conveyance, loan, license, or lease shall be upon such terms and conditions, and for such term or terms of years, subject to the rights of the holders of any bonds, as the authority and such public corporation or improvement district thereof may agree. Any such gift, grant, sale, conveyance, loan, license, or lease shall not be subject to referendum, permissive or mandatory. In the event that any public corporation or improvement district thereof gives, grants, sells, conveys, lends, licenses the use of, or leases any water supply system, water distribution system, or other improvements, extension or betterments for the purpose of supplying water, to the authority, such public corporation or improvement district thereof may contract with the authority to lease, borrow, license, operate, maintain, manage, and provide services for such facilities upon such terms and conditions, and for such term or terms of years, subject to the rights of holders of bonds, as the authority and such public corporation or improvement district thereof may agree. The authority, in furtherance of any purchase, conveyance, or lease of any property or facility from any public corporation or improvement district thereof, may assume the primary responsibility for the payment of the principal and interest on any bonds or notes issued by such public corporation or improvement district thereof for such property or facility. For purposes of section 136.00 of the local finance law, any agreement by the authority to assume the primary responsibility for the payment of the principal and interest on any bonds or notes issued by any such public corporation or improvement district thereof shall, so long as such agreement shall continue to be honored by the authority, cause such bonds or notes to be deemed to have been refunded, and any such public corporation or improvement district thereof may deduct from its gross indebtedness any outstanding indebtedness contracted for such property or facility to be acquired by the authority. The net proceeds of any purchase, conveyance, or lease of any property or facility from a public corporation or improvement district thereof may be used by such public corporation or improvement district thereof for any general or specific public use;

7. To sell water, however acquired, by volume and at retail to individual consumers within the county of Monroe for domestic, commercial, industrial, and public purposes, or by volume or in bulk and at wholesale to any or all municipalities or privately owned public water supply and distribution systems in such county. The fact that any municipality has procured or is about to procure an independent source of water supply shall not prevent such municipality from purchasing water from the authority. To sell any water not needed in such county by volume and at retail to individual consumers within the county of Genesee, or in the town or village of Victor, the village of Bloomfield and the towns of East Bloomfield, Canadice, Richmond and West Bloomfield in Ontario county, or in the village of Holley and the towns of Clarendon and Kendall in Orleans county, for domestic, commercial, industrial, and public purposes, or by volume or in bulk and at wholesale to any municipality or privately owned public water supply and distribution system outside of the county; provided that any costs incurred by the authority related to the Genesee county project shall be recovered by the authority solely from Genesee county or from rates and charges collected from customers within Genesee county; and further provided that the authority shall not sell water in any area outside of the county unless the governing board of the municipality wherein such area is located shall enter into an agreement with the authority for service or sale of water by it in such area or shall by resolution request the authority to sell water within such area. Any agreement between a municipality outside of the county and the authority for the sale of water to or within such municipality shall be subject to the approval of the legislative body of the contiguous county wherein such municipality is located. Not only may the authority sell any surplus water it may have developed, but it may develop and provide a sufficient amount of water so as to supply water outside of the county to individual consumers, any municipality, or privately owned public water supply and distribution system;

8. To purchase water in bulk or by volume from any person, private corporation or municipality when necessary or convenient for the operation of any water supply and distribution system developed by it, or when necessary or convenient for resale under the authority and provisions of subdivision seven of this section;

9. To acquire, hold, use, lease, sell, transfer and dispose of any property, real, personal or mixed, or interest therein, for its corporate purposes;

10. To make by-laws for the management and regulation of its affairs, and subject to agreements with bondholders, rules for the sale of water and the collection of rents and charges therefor. A copy of such rules and by-laws, and all amendments thereto, duly certified by the secretary of the authority shall be filed in the office of the clerk of the county and thereafter published once in two newspapers having a general circulation in the county. Violation of such rules shall be a misdemeanor, punishable by fine, not exceeding fifty dollars, or by imprisonment for not longer than thirty days, or both. Exclusive jurisdiction is hereby conferred upon the local criminal courts of the county, which have trial jurisdiction, to hear and determine, subject to the provisions of the criminal procedure law, any violation of this title;

11. To use the officers, employees, facilities and equipment of the county with the consent of the county, paying a proper portion of the compensation or cost;

12. To make contracts and to execute all necessary or convenient instruments, including evidences of indebtedness, negotiable or non-negotiable;

13. To enter on any lands, waterways and premises for the purpose of making surveys, soundings and examinations;

14. To borrow money and to issue negotiable bonds or notes and to fund or refund the same, and to provide for the rights of the holders of its obligations;

15. To fix rates and collect charges for the use of the facilities of, or services rendered by, or any commodities furnished by the authority such as to provide revenues sufficient at all times to pay, as the same shall become due, the principal and interest on the bonds or notes of the authority together with the maintenance of proper reserves therefor, in addition to paying as the same shall become due the expense of operating and maintaining the properties of the authority together with proper reserves for depreciation, maintenance, and contingencies and all other obligations and indebtedness of the authority;

16. To enter into cooperative agreements with other water authorities, municipalities, or utility companies, for the inter-connection of facilities, the exchange or inter-change of services and commodities, and to enter into contracts for the construction of water supply and distribution systems by the authority for any municipality which possesses express reciprocal powers and having power to construct and develop a water supply and distribution system, or contracts for the construction of a water supply and distributions systems for the authority by a municipality which possesses express reciprocal powers and having power to construct and develop a water supply and distribution system, upon such terms and conditions as shall be determined to be reasonable including, but not limited to, the reimbursement of all costs of such construction, or for any other lawful purposes necessary or desirable to effect the purposes of this title, provided, however, that any such agreement with a municipality located in a county, other than Monroe county, shall be subject to the approval of the legislative body of such county. The authority shall also have the power to enter into contracts or agreements with other corporations, public or private, (i) for or with respect to the financing, construction, development, expansion or improvement of properties, facilities, and appurtenances owned by the authority, with a part of the capacity or use of such properties, facilities and appurtenances utilized or to be utilized by or for the benefit of any such corporation and (ii) for or with respect to the use, operation, management, repair and maintenance of such properties, facilities, and appurtenances of the authority, upon such terms and conditions as shall be determined to be reasonable, which may include, without limitation, collection by the authority of rents, rates or other charges to pay for the cost of construction, including debt service on obligations of the authority issued to finance construction, operation, management, maintenance, repair and use of such facilities; and municipalities having power to construct and develop water supply and distribution systems shall have the power to enter into contracts or agreements contemplated herein with the authority, including any such contract to which another corporation is a party;

16-a. To enter into a contract or contracts with the board of supervisors of Monroe county for the acquisition, construction and development of a water supply and distribution system, or any part or parts thereof, on behalf of a county water district, and to contract for the operation and management of such county water district, all as provided in article five-a of the county law and article five-b of the general municipal law. Such water authority shall be deemed the agent of Monroe county under any such contract. If such contract shall authorize the water authority to purchase supplies or equipment or to construct public works, such authority shall be subject to all provisions of law to which Monroe county would be subject in relation to advertising and awarding any such contracts for supplies, equipment or public works.

16-b. (1) It is the purpose of this subdivision to provide a means whereby: (i) the authority shall plan, construct, operate and manage both the water properties owned by the authority and additional water facilities to be hereafter constructed by the authority but financed and owned by the county so that such water properties and such water facilities may be operated as an integrated water system; and (ii) the county shall finance the construction of and own additional water facilities and lease the same to or otherwise make the same available for use by the authority in order to assist the authority in providing such necessary improvements required for the operation of the water properties of the authority (the title to which water properties will, as provided by law, become vested in the county).

(2) For the purposes of this subdivision sixteen-b the term "water facilities" shall mean the acquisition, construction or reconstruction of or addition to a water supply or distribution system, whether or not including buildings, land or rights in land, original furnishings, equipment, machinery or apparatus, or the

replacement of such equipment, machinery or apparatus, which water facilities are to be financed and owned by the county. For the purpose of this subdivision sixteen-b the term "water properties" means the source of water supply and the water supply and distribution system of the authority, including the plants, works, instrumentalities or parts thereof and appurtenances thereto, lands, easements, rights in land and water rights, rights of way, contract rights, franchises, approaches, connections, dams, reservoirs, water mains and pipe lines, pumping stations and equipment, and any other property, real, personal or mixed, incidental to and included in such source of supply and such system or parts thereof, and any improvements, extensions and betterments, now or hereafter constructed, acquired or made by the authority, other than the water facilities constructed by the authority but financed and owned by the county in accordance with the provisions of this subdivision.

(3) The county may, by resolution of the legislative body of such county, enter into an agreement or agreements with the authority providing: (i) that water facilities shall be constructed by the authority, which water facilities shall be financed and owned by the county and leased or otherwise made available for the use of the authority; and (ii) for the transfer to the authority for use in the execution of its corporate purposes of such water facilities hereafter financed and owned by the county in accordance with the provisions of this subdivision; provided, however, that title to such facilities shall remain in the county.

Such agreement shall constitute a contract for the passing to and vesting in the county of all rights and properties, including water properties, of the authority when all liabilities of the authority, other than its liabilities to the county pursuant to any agreements entered into pursuant to this subdivision, and the bonds of the authority have been paid in full or such liabilities or bonds have otherwise been discharged.

Such agreement or agreements may be amended, modified, changed or extended by supplemental agreements authorized and executed in the same manner as the original agreement provided that the provisions of any such supplemental agreement shall not be inconsistent with the provisions of this subdivision sixteen-b.

(4) Such agreement shall provide that until the rights and properties, including the water properties, of the authority shall pass to and be vested in the county as provided by law, the authority shall act as the agent of the county: (i) to provide water facilities deemed necessary by the authority (a) to provide a supply of water sufficient to serve all customers of the water properties of the authority and of the water facilities of the county operated and managed by the authority, or (b) water facilities for the distribution of water deemed necessary by the authority to serve the territory of the authority within the county; and (ii) to operate, manage, replace, maintain and repair such water facilities in conjunction with the water properties of the authority so that both the water properties of the authority and the water facilities owned and financed by the county shall be planned, operated and managed as an integrated water system.

(5) Such agreement shall provide for the transfer to and use by the authority of such water facilities by lease, license or other arrangement until such time as all rights and properties, including water properties, of the authority shall pass to and be vested in the county as provided by law and shall authorize the authority to take jurisdiction, control, possession and supervision of such water facilities and operate, manage, replace, maintain and repair the same together with the water properties of the authority as an integrated water system.

(6) Such agreement shall provide that the county shall pay an amount not to exceed twenty-seven million dollars to provide certain water facilities to be owned by the county and leased to or otherwise made available for use by the authority in accordance with the provisions of such agreement, which water facilities shall be described in terms sufficient for identification in the first agreement so executed by and between the county and the authority. The county may issue obligations pursuant to the local finance law in an amount not to exceed twenty-seven million dollars to pay the cost of such water facilities. The provisions of section four hundred of the county charter prohibiting the financing of permanent improvements by the issuance of obligations pursuant to the local finance law unless such permanent improvements are included in a budget of permanent improvements adopted and approved as provided by such section four hundred shall not be applicable to the financing of such water facilities by the issuance of such obligations of the county authority by this paragraph.

(7) Such agreement shall provide that the authority shall pay to the county for each fiscal year of the county an annual rental for the use of the water facilities financed and owned by the county which shall be an operating expense of the authority, and shall be equal to the sum of the following: (i) the principal of any bonds of the county becoming due in such fiscal year issued in accordance with any agreement entered into pursuant to this subdivision; and (ii) the interest on any obligations of the county, including bonds and notes, issued in accordance with any such agreement and becoming due in such fiscal year. Such agreement shall provide such further details as the parties deem necessary with respect to the time and manner of the payment of such annual rentals in order to assure that such annual rentals shall be available to the county at the times and in the amounts required for the payment of such principal of bonds of the county and such interest on obligations of the county. Notwithstanding that the payment of such annual rentals shall be an operating expense of the authority, such agreement may provide that payment thereof shall be subordinate to all or any of certain payments hereinafter described required to be made by a certain trust indenture between the authority and a trustee dated as of February first, nineteen hundred fifty-nine. Such payments

are the payments required to be made by said trust indenture to the debt service fund and the debt service reserve fund both created by such indenture.

(8) Such agreement shall provide that to facilitate the further acquisition, construction, reconstruction, extension or betterment of water facilities by the authority to be owned and financed by the county, other than and in addition to the water facilities to be financed by the county pursuant to the provisions of paragraph (6) of this subdivision, the authority, on or before September first in each year or on or before such earlier date in each year as such agreement may provide, may submit to the county manager a capital budget for the calendar year beginning on the succeeding January first of such proposed water facilities and the estimated cost thereof. Such capital budget shall be accompanied by a report of the consulting engineers retained by the authority pursuant to a certain trust indenture of the authority dated as of February one, nineteen hundred fifty-nine. Such report of the consulting engineers shall explain the need for or desirability of such proposed water facilities and shall state that the consulting engineers have approved the estimated cost thereof. Such capital budget of the authority and report of such consulting engineers shall describe such proposed water facilities in terms sufficient for identification. When received by the county manager, such capital budget of the authority and the report of the consulting engineers shall be used in the preparation of the budget of permanent public improvements of the county required to be prepared by section four hundred of the Monroe county charter in the same manner as if the providing of such additional water facilities originally were proposed by the county. The county shall pay the cost of any water facilities contained in a budget of permanent improvements after such budget has been adopted. At any time after the adoption of such budget of permanent improvements the county may finance any water facilities contained therein pursuant to the provisions of and in the manner provided by the local finance law. Notwithstanding any other provisions of this subdivision, in the event that any item for the providing of water facilities contained in the capital budget and report of the consulting engineers as submitted to the county manager shall not be made a part of the budget of permanent improvements of the county, the authority may, nevertheless, proceed to construct such proposed water facility as an addition to the water properties of the authority and finance the same by the issuance of obligations of the authority, subject, however, to: (i) the provisions of any resolutions or trust indentures heretofore or hereafter adopted or executed by the authority, as the case may be, with respect to the construction of water properties and the financing thereof by the authority; and (ii) the limitations, if any, on the issuance of bonds or obligations by the authority contained in any agreement executed pursuant to this subdivision sixteen-b.

(9) Such agreement may contain further provisions concerning the following, provided, however, that no provisions in any agreement or any supplemental agreement thereto shall require the authority to in any way impair the rights and remedies of the holders of obligations of the authority pursuant to any resolution or trust indenture of the authority heretofore adopted or executed authorizing or securing obligations of the authority: (i) further provisions relating to the annual rentals due by the authority to the county as provided in this subdivision; (ii) provisions that the rates, fees, rentals and other charges for the sale or distribution of water or for other services rendered by the water properties of the authority shall be in an amount sufficient to fully comply with any covenants with holders of obligations of the authority and in addition sufficient to pay the annual rentals payable by the authority to the county as provided in this subdivision and in any agreements or supplemental agreements executed in accordance with the provisions of this subdivision; (iii) provisions limiting the issuance of bonds or obligations by the authority; (iv) provisions limiting the power of the authority to sell or otherwise dispose of its water properties without the consent of the county; (v) providing that when the rights and properties of the authority shall pass to and be vested in the county as provided by law the authority shall act as the agent of the county to plan, construct, operate and manage the water properties and water facilities then vested in and owned by the county for such term and extensions of such term as may be provided by any such agreements; and (vi) such other provisions not inconsistent with the provisions of this subdivision sixteen-b as the parties shall deem necessary or desirable to implement the purpose and provisions of this subdivision sixteen-b.

(10) The proceeds of sale of obligations of the county issued pursuant to any agreement entered into pursuant to this subdivision shall be subject to the provisions of section one hundred sixty-five of the local finance law and shall be paid and disbursed by the director of finance of the county on requisition by the authority or such person or persons as the authority may authorize to make such requisitions without further audit; provided, however, that the director of finance of the county may require that such requisitions shall be accompanied by properly itemized and verified or certified bills for materials, supplies or services.

(11) All contracts for the purchase of supplies or equipment or the construction of water facilities entered into with respect to the providing of water facilities to be financed and owned by the county and constructed by the authority shall be subject to all provisions of law which the county of Monroe would be subject to in relation to advertising and awarding any such contracts for supplies, equipment or the construction of water facilities.

(12) The provisions of this subdivision sixteen-b shall be independent and cumulative power for the authority and the county to enter into the agreements authorized hereby and shall not be construed with or be limited by any of the provisions of article five-a of the county law and of this article of the public authorities law.

17. To accept grants, loans or contributions from the United States, the state of New York, or any agency or instrumentality of either of them, or the county, or an individual, by bequest or otherwise, and to expend the proceeds for any purposes of the authority;

18. To do all things necessary or convenient to carry out the powers expressly given in this title.

19. To contract for the purposes of subdivision twenty-four of section ten of article two of the highway law.

In exercising the powers granted by this title, the authority shall not sell water in any area which is served by a water system owned or operated by a municipality unless the governing board of such municipality shall adopt a resolution requesting the authority to sell water in such area.

§ 1096-a. Additional duties of the authority. 1. The authority shall submit to the president of the Monroe county legislature a copy of the authority's preliminary budget, annual budget or amended budget, certified by the treasurer of the authority, not later than thirty days prior to the date on which the annual budget is adopted or approved by the authority. The authority shall give notice in writing to the president of the Monroe county legislature not later than thirty days prior to anticipated final approval of any construction projects to be undertaken by the authority involving water mains in excess of twelve inches in size, construction of mains in geographical areas theretofore undeveloped or not supplied with a public water supply, storage facilities, pumping stations or water treatment facilities utilizing funds of either the authority or funds of the county of Monroe under subdivision sixteen-b of section one thousand ninety-six of this title provided, however, that the foregoing shall not in any event be deemed to include: modernization, renewal and replacement, repair, maintenance of or improvement in properties or facilities; preliminary undertakings such as studies, tests, evaluations, reports, preparation of engineering plans and specifications, obtaining property rights and obtaining of necessary governmental approvals; construction activities deemed necessary by the authority in an emergency to protect life, property, health or the public safety; changes during construction which do not materially change the essential service area affected by a project; and construction activities within the terms of the last sentence of this subdivision. In the event the Monroe county legislature, by its resolution adopted at any time within sixty days after receipt by the president of the county legislature of the notice from the authority herein provided for, requests any change in such project, the authority shall conduct a public informational meeting upon ten days' notice to be published twice consecutively in a newspaper of general circulation in the county of Monroe prior to the authority granting final approval or prior to the commencement of construction of such project. The authority shall give written notice to the president of the Monroe county legislature not less than thirty days prior to the date of any final action of the authority with respect to any change in the rates of the authority. The authority shall conduct a public informational meeting upon ten days' notice to be published twice consecutively in a newspaper of general circulation in the county of Monroe relative to any change in such rates prior to the effective date of such change. The foregoing provisions of this subdivision shall not be construed to or require the authority to in any way violate or impair the rights and remedies of or covenants with the holders of obligations of the authority pursuant to any resolution or trust indenture of or binding upon the authority adopted or executed authorizing or securing obligations of the authority or abrogate the rights and powers of the authority to fulfill its duties and obligations to comply with all the terms, covenants or requirements required or provided by any existing contractual agreement or provided or required by statute or the order or direction or approval of a federal, state or local governmental entity having appropriate jurisdiction or authority.

2. The authority shall be empowered to develop and adopt an administrative code, subject to amendment from time to time, concerning such cooperative interrelationships between the authority and the county of Monroe, including the duties of the authority under subdivision one of this section. Any such code, or any amendment thereto, shall be submitted to the president of the county legislature not less than ninety days prior to its adoption by the authority for approval by such legislature.

§ 1097. Moneys of the authority. All moneys of the authority from whatever source derived shall be paid to the treasurer of the authority and shall be deposited forthwith in a bank or banks in the state of New York designated by the authority. The moneys in such accounts shall be paid out on check of the treasurer on requisition by the authority or of such other person or persons as the authority may authorize to make such requisitions. All deposits of such moneys shall, if required by the comptroller or the authority, be secured by obligations of the United States or of the state of New York or of the county of a market value equal at all times to the amount of deposit and all banks and trust companies are authorized to give such security for such deposits. The comptroller and his legally authorized representatives, and the director of finance of the county of Monroe, if he so elect, are hereby authorized and empowered from time to time to examine the accounts and books of the authority, including its receipts, disbursements, contracts, leases, sinking funds, investments and any other matters relating to its financial standing. The authority shall have power, notwithstanding the provisions of this section, to contract with the holders of any of its bonds as to the custody, collection, security, investment and payment of any moneys of the authority, or any moneys held in trust or otherwise for the payment of bonds or in any way to secure bonds, and to carry out any such contract notwithstanding that such contract may be inconsistent with the provisions of this section. Moneys

held in trust or otherwise for the payment of bonds or in any way to secure bonds and deposits of such moneys may be secured in the same manner as moneys of the authority, and all banks and trust companies are authorized to give such security for such deposits.

§ 1098. Bonds of the authority. 1. The authority shall have the power and is hereby authorized from time to time to issue its negotiable bonds in conformity with applicable provisions of the uniform commercial code for any of its corporate purposes, including incidental expenses in connection therewith, and to secure the payment of the same by a lien or pledge covering all or part of its contracts, earnings or revenues except that no resolution or other action of the authority providing for the issuance of bonds may be adopted or otherwise made effective without the prior approval of the Monroe county legislature. The powers conferred by this section on such Monroe county legislature shall be exercised with due regard for the rights of the holders of bonds of the authority at any time outstanding, and nothing in, or done pursuant to, this section shall in any way limit, restrict or alter the obligation or powers of the authority or any member, director, officer or representative of the authority to carry out and perform in every detail each and every covenant, agreement or contract at any time made or entered into by or on behalf of the authority with respect to its bonds or for the benefit, protection, or security of the holders thereof. The authority shall have power from time to time whenever it deems refunding expedient, to refund any bonds by the issuance of new bonds whether the bonds to be refunded have or have not matured, and may issue bonds partly to refund bonds then outstanding and partly for any of its corporate purposes. Except as may be otherwise expressly provided by the authority, every issue of bonds by the authority shall be general obligations payable out of any moneys, earnings or revenues of the authority, subject only to any agreements with the holders of particular bonds pledging any particular moneys, earnings or revenues.

2. The bonds shall be authorized by resolution of the authority and shall bear such date or dates, mature at such time or times not exceeding forty years from their respective dates, bear interest at such rates per annum not exceeding six per centum per annum payable at such times within the limitations as to interest cost hereinafter provided, be in such denominations, be in such form either coupon or registered, carry such registration privileges, be executed in such manner, be payable in lawful money of the United States of America, at such place or places and be subject to such terms of redemption, at par or at a price not exceeding one hundred five per centum of their face value, as such resolution or resolutions may provide.

All bonds of the authority may be sold at public or private sale. Such bonds shall be sold for a price not less than ninety-six per centum of the par value thereof, plus accrued interest, provided always that the interest cost to maturity of the monies realized from the sale of such bonds shall not exceed six per centum per annum.

3. Any resolution or resolutions authorizing any bonds or any issue of bonds may contain provisions, which shall be a part of the contract with the holders of the bonds thereby authorized, as to

(a) pledging all or any part of the moneys, earnings, income and revenues derived from all or any part of the properties of the authority to secure the payment of the bonds or of any issue of the bonds subject to such agreements with bondholders as may then exist;

(b) the rates, rentals, fees and other charges to be fixed and collected and the amounts to be raised in each year thereby, and the use and disposition of the earnings and other revenues;

(c) the setting aside of reserves and the creation of sinking funds and the regulation and disposition thereof;

(d) limitations on the right of the authority to restrict and regulate the use of the properties in connection with which such bonds are issued;

(e) limitations on the purposes to which and the manner in which the proceeds of sale of any issue of bonds may be applied;

(f) limitations on the issuance of additional bonds, the terms upon which additional bonds may be issued and secured; the refunding of outstanding or other bonds;

(g) the procedure, if any by which the terms of any contract with bondholders may be amended or abrogated, the amount of bonds the holders of which must consent thereto, and the manner in which such consent may be given;

(h) the creation of special funds into which any earnings or revenues of the authority may be deposited;

(i) the terms and provisions of any trust deed or indenture securing the bonds or under which bonds may be issued;

(j) defining the acts or omissions to act which shall constitute a default in the obligations and duties of the authority to the bondholders and providing the rights and remedies of the bondholders in the event of such default, including as a matter of right the appointment of a receiver, provided, however, that such rights and remedies shall not be inconsistent with the general laws of this state;

(k) limitations on the power of the authority to sell or otherwise dispose of its properties;

(l) any other matters, of like or different character which in any way affect the security or protection of the bonds;

(m) limitations on the amount of moneys derived from the properties to be expended for operating, administrative or other expenses of the authority.

4. It is the intention of the legislature that any pledge of earnings, revenues or other moneys made by the authority shall be valid and binding from the time when the pledge is made; that the earnings, revenues or other moneys so pledged and thereafter received by the authority shall immediately be subject to the lien of such pledge without any physical delivery thereof or further act, and that the lien of any such pledge shall be valid and binding as against all parties having claims of any kind in tort, contract or otherwise against the authority irrespective of whether such parties have notice thereof. Neither the resolution nor any other instrument by which a pledge is created need be recorded.

5. Neither the members of the authority nor any person executing the bonds shall be liable personally on the bonds or be subject to any personal liability or accountability by reason of the issuance thereof.

6. The authority shall have power out of any funds available therefor to purchase (as distinguished from the power of redemption hereinabove provided) any bonds issued by it at a price of not more than the principal amount thereof and accrued interest, and all such bonds shall be cancelled.

7. In the discretion of the authority, the bonds may be secured by a trust indenture by and between the authority and a corporate trustee, which may be any trust company or bank having the powers of a trust company in the state of New York. Such trust indenture may contain such provisions for protecting and enforcing the rights and remedies of the bondholders as may be reasonable and proper and not in violation of law, including covenants setting forth the duties of the authority in relation to the construction, maintenance, operation, repair and insurance of the properties, and the custody, safeguarding and application of all moneys, and may provide that the properties shall be constructed and paid for under the supervision and approval of consulting engineers. The authority may provide by such trust indenture for the payment of the proceeds of the bonds and the revenues of the properties to the trustee under such trust indenture or other depository, and for the method of disbursement thereof, with such safeguards and restrictions as it may determine. All expenses incurred in carrying out such trust indenture may be treated as a part of the cost of maintenance, operation and repairs of the properties. If the bonds shall be secured by a trust indenture the bondholders shall have no authority to appoint a separate trustee to represent them.

Notwithstanding any other provisions of this title, any resolution or resolutions authorizing bonds or notes of the authority shall contain a covenant by the authority that it will at all times maintain rates, fees, rentals or other charges sufficient to pay, and that any contracts entered into by the authority for the sale or distribution of water shall contain rates, fees, rentals or other charges sufficient to pay, the cost of operation and maintenance of the properties, the principal of and interest on any obligation issued pursuant to such resolution or resolutions as the same severally become due and payable, and to maintain any reserves or other funds required by the terms of such resolution or resolutions.

§ 1099. Notes of the authority. The authority shall have power and is hereby authorized to issue negotiable bond anticipation notes in conformity with applicable provisions of the uniform commercial code and may renew the same from time to time but the maximum maturity of any such note, including renewals thereof, shall not exceed five years from the date of issue of such original note. Such notes shall be paid from any moneys of the authority available therefor and not otherwise pledged or from the proceeds of sale of the bonds of the authority in anticipation of which they were issued. The notes shall be issued in the same manner as the bonds and such notes and the resolution or resolutions authorizing the same may contain any provisions, conditions or limitations which the bonds or a bond resolution of the authority may contain. Such notes may be sold at public or private sale at not less than par and shall bear interest at a rate not exceeding five per centum per annum. Such notes shall be as fully negotiable as the bonds of the authority.

§ 1100. Duty of authority to maintain and operate. It shall be the duty of the authority, subject to any limitation on the amount of revenues to be expended for such purpose, to maintain and operate and where necessary to reconstruct its properties.

§ 1101. Transfer of officers and employees. Any public officer or employee under civil service, selected by the authority may, with the consent of the commission, board or department by which he or she has been employed, be transferred to the authority and shall be eligible for such transfer and appointment without examination to comparable offices, positions and employment under the authority. The salary or compensation of any such officer or employee shall after such transfer be paid by the authority. But notwithstanding the provisions of this act, any such officers or employees so transferred to the authority, pursuant to the provisions of this section, who are members of or beneficiaries under any existing pension or retirement system, shall continue to have all rights, privileges, obligations and status with respect to such fund, system or systems as are now prescribed by law, but during the period of their employment by the authority, all contributions to any pension or retirement fund or system to be paid by the employer on account of such officers or employee, shall be paid by the authority; and all such officers and employees who have been appointed to positions under the rules and classifications of the civil service commission of the county of Monroe shall have the same status with respect thereto after transfer to the authority as they had under their original appointments. It is hereby declared that in the interest of efficiency and insofar as may be practicable, all employees engaged in the operation of any property or properties, except in an executive capacity, at the time such property or properties shall have been acquired by the authority, pursuant to the

provisions of this act, shall become the employees of the authority. The appointment and promotion of all employees of the authority shall be made in accordance with the provisions of the civil service law (constituting chapter seven of the consolidated laws) and such rules as the civil service commission of the county of Monroe may adopt and make applicable to such authority.

§ 1102. Agreements of the state. The state of New York does pledge to and agree with the holders of the bonds or notes that the state will not limit or alter the rights hereby vested in the authority to acquire, construct, maintain, operate, reconstruct and improve the properties, to establish and collect the revenues, rates, rentals, fees and other charges referred to in this title and to fulfill the terms of any agreements made with the holders of the bonds or notes, or in any way impair the rights and remedies of the bondholders or noteholders, until the bonds or notes, together with interest thereon, interest on any unpaid installments of interest, and all costs and expenses in connection with any action or proceeding by or on behalf of the bondholders or noteholders, are fully met and discharged.

§ 1103. State, county and municipalities not liable on bonds or notes. The bonds or notes of the authority shall not be a debt of the state of New York or of the county or of any municipality in the county, and neither the state nor the county nor any municipality in the county shall be liable thereon, nor shall they be payable out of any funds other than those of the authority.

§ 1104. Bonds and notes legal investments for fiduciaries. The bonds or notes are hereby made securities in which all public officers and bodies of this state and all municipalities and municipal subdivisions, all insurance companies and associations and other persons carrying on an insurance business, all banks, bankers, trust companies, savings banks and savings associations, including savings and loan associations, building and loan associations, investment companies and other persons carrying on a banking business, and all other persons whatsoever, except as hereinafter provided, who are now or may hereafter be authorized to invest in bonds or other obligations of the state, may properly and legally invest funds including capital in their control or belonging to them; provided that, notwithstanding the provisions of any other general or special law to the contrary, such bonds or notes shall not be eligible for the investment of funds including capital, of trusts, estates or guardianships under the control of individual administrators, guardians, executors, trustees and other individual fiduciaries. The bonds or notes are also hereby made securities which may be deposited with and may be received by all public officers and bodies of this state and all municipalities and municipal subdivisions for any purpose for which the deposit of bonds or other obligations of this state is now or may hereafter be authorized.

§ 1105. Exemption from taxes. 1. It is hereby determined that the creation of the authority and the carrying out of its corporate purposes is in all respects for the benefit of the people of the county of Monroe and its environments, and is a public purpose, and the authority shall be regarded as performing a governmental function in the exercise of the powers conferred upon it by this title and shall not be required to pay any taxes, special ad valorem levies or special assessments upon any property owned by it or under its jurisdiction, control or supervision or upon its activities, or any filing, recording or transfer taxes in relation to instruments filed, recorded or transferred by it or on its behalf.

2. Any bonds or notes issued pursuant to this title, together with the income therefrom shall be exempt from taxation, except for transfer and estate taxes. The revenues, monies and other properties and the activities of the authority shall be exempt from taxes and governmental fees or charges, whether imposed by the state or any municipality, including real estate taxes, franchise taxes or other excise taxes.

3. Notwithstanding any other provisions of this chapter, the authority may make payments in lieu of taxes to municipalities and school districts on any property of the authority located within the jurisdiction of such municipality or school district. The amounts of such payments in lieu of taxes shall be as determined by the authority, provided, however, that the sum paid by the authority for any year shall in no case exceed the sum last levied by the municipality or school district as an annual tax upon the property prior to its acquisition by the authority.

§ 1106. Tax contract by the state. The state of New York covenants with the purchasers and with all subsequent holders and transferees of bonds or notes issued by the authority pursuant to this title, in consideration of the acceptance of and payment for the bonds or notes that the bonds and notes of the authority issued pursuant to this title and the income therefrom, and all moneys, funds and revenues pledged to pay or secure the payment of such bonds or notes, shall at all times be free from taxation except for transfer and estate taxes.

§ 1107. Officers and employees not to be interested in transactions. It shall be a misdemeanor for any of the members of the authority, or any officer, agent, servant or employee thereof, employed or appointed by them to be in any way or manner interested directly or indirectly in the furnishing of work, materials, supplies or labor, or in any contract therefor which the authority is empowered by this title to make.

§ 1108. Contracts. 1. All contracts, or orders, for work, material or supplies performed or furnished in connection with construction shall be awarded by the authority pursuant to resolution. Such contracts, or orders, for work, material or supplies needed for any particular purpose involving an expenditure of more than five thousand dollars shall be awarded only after inviting sealed bids or proposals therefor. The notice inviting sealed proposals shall be published at least once in a newspaper or trade paper selected by the authority for such purpose, such publication to be at least ten days before the date for the receipt of bids. If the authority shall not deem it for the interest of the authority to reject all bids, it shall award the contract to the lowest bidder, unless the authority shall determine that it is for the public interest that a bid other than the lowest bid should be accepted. In any contract for work, material or supplies, there shall be inserted in the discretion of the authority a provision that additional work may be done or material or supplies furnished for the purpose of completing such contract at an expense not exceeding fifteen percentum of the amount of such contract if such additional work, materials or supplies shall be ordered by the authority. The bidder whose bid is accepted shall give security for the faithful performance of the contract, and such other security as the authority may require, and may be required to maintain for such period as shall be stipulated any construction done under the contract, all in the manner prescribed and required by the authority; and the sufficiency of such security shall, in addition to the justification and acknowledgment, be approved by the authority. All bids or proposals shall be publicly opened by the authority or its duly authorized agent. If the bidder whose bid has been accepted after advertising shall neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him on his bid or proposal, or, if he accepts but does not execute the contract and give proper security the authority shall have the right to declare his deposit forfeited, and thereupon it shall be readvertised and relet as above provided. In case any work shall be abandoned by any contractor, the authority may, if the best interests of the authority be thereby served, adopt on behalf of the authority any or all sub-contracts made by such contractor for such work and all such sub-contractors shall be bound by such adoption if made; and the authority shall in the manner provided herein readvertise and relet the work specified in the original contract exclusive of so much thereof as shall be provided for in the sub-contract or sub-contracts so adopted. No bid shall be accepted from or any contracts awarded to, any person or corporation who is in arrears to the authority, or the county of Monroe upon any debt or contract, or is a defaulter as surety or otherwise upon any obligation of the authority, or the county. Every contract involving an expenditure of more than five thousand dollars when made and entered into as herein provided for shall be executed in duplicate, one copy of which shall be held by the authority and one copy of which shall be delivered to the contractor. Upon the adoption of a resolution by a vote of two-thirds of all the members of the authority stating that, for reasons of efficiency or economy, there is need for standardization, purchase contracts for a particular type or kind of equipment, material or supplies of more than five thousand dollars may be awarded by the authority to the lowest responsible bidder furnishing the required security after advertisement for sealed bids therefor in the manner provided in this section. Such resolution shall contain a full explanation of the reasons for its adoption.

2. For the purposes of article fifteen-A of the executive law only, the authority shall be deemed a state agency as that term is used in such article, and all contracts for procurement, design, construction, services and materials shall be deemed state contracts within the meaning of that term as set forth in such article.

§ 1109. Actions. 1. In any case founded upon tort a notice of claim shall be required as a condition precedent to the commencement of an action or special proceeding against the authority or any officer, appointee or employee thereof, and the provisions of section fifty-e of the general municipal law shall govern the giving of such notice. Except in an action for wrongful death, an action against the authority for damages for injuries to real or personal property, or for the destruction thereof, or for personal injuries, alleged to have been sustained, shall not be commenced more than one year and ninety days after the cause of action therefor shall have accrued.

2. An action against the authority for wrongful death shall be commenced in accordance with the notice of claim and time limitation provisions of title eleven of article nine of this chapter.

§ 1110. Audit of authority; annual report. In conformity with the provisions of section five of article ten of the constitution, the accounts of the authority shall be subject to the supervision of the state comptroller and such state comptroller and his legally authorized representatives are hereby authorized and empowered from time to time to examine the accounts and the books of the authority, including its receipts, disbursements, contracts, leases, sinking funds, investments and any other matters relating to its financial standing. The authority shall annually submit to the governor and to the legislature a detailed report pursuant to the provisions of section twenty-eight hundred of this chapter.

§ 1111. Limitation of liability. Neither the members of the authority, nor any person or persons acting in its behalf, while acting within the scope of their authority, shall be subject to any personal liability resulting from the erection, construction, reconstruction, maintenance or operation of the properties or any of the improvements or from carrying out any of the powers expressly given in this title.

§ 1112. Title not affected if in part unconstitutional or ineffective. If any section, clause or provision of this title shall be held unconstitutional, or be ineffective in whole or in part, to the extent that it is not unconstitutional, or ineffective, it shall be valid and effective and no other section, clause or provision shall, on account thereof, be deemed invalid or ineffective.

§ 1113. Effect of inconsistent provisions. In so far as the provisions of this title are inconsistent with the provisions of any other act, general or special, or of any local law of any city, the provisions of this title shall be controlling. Nothing contained in this title shall be held to alter or abridge the powers and duties of the state department of health or of the water power and control commission over water supply matters.

**AMENDED AND RESTATED
BY-LAWS OF THE MONROE COUNTY WATER AUTHORITY**

(Section 1096, paragraph 10 of the Public Authorities Law provides that the Monroe County Water Authority shall have the power to make by-laws for the management and regulation of its affairs, and, subject to agreements with its bondholders, to make rules for the sale of water and the collection of rents and charges therefor. A copy of such By-Laws and rules, and all amendments thereto, duly certified by the Secretary of the Authority, shall be filed in the office of the Clerk of the County and thereafter published once in two newspapers having a general circulation in the County.)

**ARTICLE I
The Authority**

1. Name of Authority. The name of the Authority is the Monroe County Water Authority (the “Authority”).
2. Purposes. The Authority is a public benefit corporation, created by and having the powers and functions set forth in the Monroe County Water Authority Act of the Public Authorities Laws, as amended (the “Act”).
3. Fiscal Year. The fiscal year of the Authority shall coincide with the calendar year. The Authority’s fiscal year may be changed by resolution adopted at a regular or special meeting of the Authority.

**ARTICLE II
Meetings**

1. Annual Meeting. The annual meeting of the members of the Authority (the “Members”) for the election of officers and the transaction of such other business as may properly come before it shall be held at the principal offices of the Authority, 475 Norris Drive, Rochester, New York, or at such other place, and at such time and on such date during the month of April in each year as shall be established by resolution of the Authority from time to time.
2. Regular Meetings. Regular meetings of the Members shall be held at least once in each and every calendar month at a date, time and place of each such meeting to be fixed by resolution of the Authority from time to time.

3. Special Meetings. All special meetings may be held at any time or place within the County of Monroe on twenty-four (24) hours' notice to each Member, or within the State of New York on seventy-two (72) hours' notice to each Member. Such notice may be oral, by facsimile, electronically mailed, personally delivered or written, shall be given, sent or mailed not less than twenty-four (24) hours before the meeting, if to be held in the County of Monroe, and not less than seventy-two (72) hours before the meeting, if to be held in the State of New York, and shall state, in addition to the purposes, the date, place and hour of such meeting. Oral notice shall be immediately confirmed in writing.

Special meetings may be called by the Chairperson, or in his or her absence, by the Vice-Chairperson. Special meetings also may be called by any two Members.

4. Regular and Special Meetings. Any regular meeting shall be open for the consideration of any matter, which may be properly brought to the attention of the Authority. Notice of regular meetings shall not be required. Special meetings shall be open for the consideration of only the purpose for which said special meeting is called, which shall be set forth in the meeting notice.

5. Waiver. Notice of a meeting need not be given to any Member who submits a signed waiver whether before or after the meeting, or who attends the meeting without protesting, prior thereto or at its commencement, the lack of notice to him or her.

6. Quorum. Four Members shall constitute a quorum at any meeting duly called and held. No action shall be taken except pursuant to the favorable vote of at least four Members. A majority of the Members present, whether or not a quorum is present, may adjourn any meeting to another time and place.

ARTICLE III

Members of the Authority

1. Term of Office. The term of office for Members shall be as fixed by Section 1095 of the Public Authorities Law (enacted into law as Chapter 804 of the Laws of 1950 as amended by Chapter 116 of the Laws of 1951, and as further amended by Chapter 938 of the Laws of 1977, and as may be further amended from time to time), and they shall have the duties and powers as set forth therein.

2. Members of the Authority:

- (i) Power and General Duties. The Members shall oversee the management of the affairs of the Authority by its Executive Director and other employed officers. The Members shall establish, monitor and update from time to time such policies as they deem necessary or desirable and appropriate to promote honest and ethical conduct by the Authority's officers, employees, and to maintain and enhance the public's confidence in the Authority. To that end, the Members shall periodically review and update the Authority's code of ethics and policies regarding conflicts of interest; policies regarding the procurement or disposition of real and

personal property, or interest therein, by the Authority; and policies regarding the purchase of goods and services, including service contracts. All of such policies shall be consistent with the Act, other applicable law or these By-Laws.

- (ii) Fiduciary Duty. The Members shall perform each of their duties in good faith and with that degree of diligence, care and skill that an ordinarily prudent person in like position would use under similar circumstances, and apply independent judgment in the best interest of the Authority, its mission and the public.
- (iii) Acknowledgement. Each Member shall execute an acknowledgement, in the form prescribed by the New York State Authorities Budget Office.

3. Governance Committee. The Authority shall appoint and constitute a standing governance committee comprised of at least three (3) independent Members who possess the necessary skills to understand the duties and functions of the Governance Committee. The Chairperson shall be a member ex officio of the Governance Committee and shall have the right, but not the duty, to vote on all propositions before such committee. Members of the Governance Committee will serve at the pleasure of the Members and be appointed on an annual basis. The Members will elect the chair of the Committee at least annually. The responsibilities of the Governance Committee shall include:

- (i) developing and recommending to the Members a set of corporate governance principles applicable to the Authority, reviewing corporate governance trends and obligations, especially as they pertain to public authorities and reporting on same periodically, reviewing the Authority's corporate governance guidelines periodically, and recommending to the Members such changes to the Authority's corporate governance guidelines as the Governance Committee from time to time deems necessary or desirable and appropriate;
- (ii) reviewing annually with the Members the appropriate skills, characteristics and experiences required of Members in the context of the then current composition of the Authority and, as applicable, advising the County Legislature on the skills and experience required of potential Members; and
- (iii) examining ethical and conflict of interest issues, performing Member self-evaluations, and recommending to the Members, as necessary, revisions to these By-Laws.

4. Audit Committee. The Authority shall appoint and constitute a standing audit committee comprised of at least three (3) independent Members. The Chairperson shall be a member ex officio of the Audit Committee and shall have the right, but not the duty, to vote on all propositions before such committee. Members of the Audit Committee shall possess the necessary skills to understand the duties and functions of the Audit Committee and shall be familiar with corporate financial and accounting practices. The responsibilities of the Audit Committee shall include:

- (i) reviewing and approving the Authority's financial statements;
- (ii) overseeing the Authority's internal controls and compliance systems;
- (iii) appointing, compensating and overseeing outside auditors retained by the Authority. Unless otherwise approved by the Members, such outside auditors shall not provide non-audit services to the Authority;
- (iv) resolving disagreements with respect to, and overseeing compliance with, accounting policies and principles;
- (v) reviewing management reports on internal controls and attestation of such reports by the Authority's outside auditors;
- (vi) investigating compliance with the Authority's policies and/or referring instances of non-compliance to the appropriate offices for investigation; and
- (vii) conducting a periodic review and implementation of procedures regarding the compensation of executive staff of the Authority, including preparation of a written annual performance review of the Executive Director in coordination with the Governance Committee.

5. Finance Committee. The Authority shall appoint and constitute a standing finance committee comprised of at least three (3) independent Members. The Chairperson shall be a member ex officio of the Finance Committee and shall have the right, but not the duty, to vote on all propositions before such committee. Members of the Finance Committee shall possess the necessary skills to understand the duties and functions of the Finance Committee. The responsibilities of the Finance Committee shall include, without limitation:

- (i) reviewing proposals for the issuance of debt by the Authority;
- (ii) preparing and submitting to the Authorities Budget Office ("ABO") a statement of intent to guide the Authority's issuance and overall amount of bonds, notes, or other debt obligations that the Authority may issue by a deadline fixed by the ABO; and
- (iii) issuing recommendations regarding the issuance of debt by the Authority.

6. Other Standing Committees. The Chairperson may, from time to time, and at his option, appoint other standing committees for general or specific purposes, each consisting of at least two Members. The Chairperson shall be a member of each such committee by virtue of his office. Such standing committees will be charged with duties and responsibilities described by the Chairperson and shall report to the Authority at its regular meetings.

7. Members Compensation. Pursuant to Section 1095 of the New York Public Authorities Law, the Members shall receive such compensation as is fixed from time to time by the Monroe County legislature for the performance of their regular duties, as defined by resolution of the Members, which shall include the attendance of regular meetings of the Authority provided for in Article I of the By-Laws.

ARTICLE IV

Officers of the Authority

1. Officers Generally. The officers of the Authority shall be a Chairperson, Vice Chairperson and Treasurer, who shall be Members, and a Secretary, Executive Director, Deputy Executive Director, Director of Finance and Business Services, Executive Engineer, Director of Production/Water Supply and Director of Operations, Director of Engineering-Civil Engineer who shall not be Members. The Chairperson, Vice Chairperson and Treasurer of the Authority shall be elected annually by the Members at their annual meeting in accordance with Section 1095 of the Public Officers Law. All other officers shall be appointed by, and shall serve at the pleasure of, the Authority, subject to the rights of such persons under the Civil Service Law.

2. Chairperson. The Chairperson shall preside at all meetings of the Members. He or she shall sign in the name of the Authority all notes; bonds or other evidences of indebtedness when so authorized by resolution of the Authority, and shall perform such other duties as may be assigned to him or her from time to time by the Authority.

3. Vice Chairperson. The Vice-Chairperson shall, in the absence or incapacity of the Chairperson, perform the duties of that officer and shall perform all the duties as the Authority may designate.

4. Treasurer. The Treasurer shall have the care and custody of all funds and securities of the Authority from whatever source derived and shall deposit the same forthwith in the name of the Authority in such bank or banks in the State of New York as the Authority shall designate. The moneys in such accounts shall be paid out on check of the Treasurer or Executive Director or Director of Finance and Business Services, on requisition by the Authority, or on requisition of such other person or persons as the Authority may authorize to make such requisitions. Funds not immediately required by the Authority shall be invested in accordance with the Authority's investment policy and applicable law.

5. Secretary. The Secretary shall keep the minutes of the meetings of the Authority; attend to the serving of notices of all meetings, regular or special; shall affix the seal to all papers or documents as may require it; shall attend to such correspondence as may be assigned to him or her; shall perform all the duties as the Authority may designate. The Authority may designate an Acting Secretary who, in the absence or incapacity of the Secretary, shall perform the duties of that officer.

6. Other Officers and Employees. The Executive Director, the Deputy Executive Director, the Director of Finance and Business Services, the Executive Engineer, the Director of Production/Water Supply, the Director of Operations, and the Director of Engineering - Civil Engineer shall have such duties and qualifications as the Authority may from time to time determine, subject to the applicable terms of the Civil Service Law of the State of New York. In the absence of the Executive Director, the Executive Director or the Members may designate any of such officers to act as the Executive Director. The Authority may appoint, and at its pleasure remove, such other officers and employees as it may require for the performance of its duties, fix and determine their qualification, duties and compensation, subject to the provisions of the Civil Service Law of the State of New York.

7. Contracts; Authority to Execute. The Members may, by resolution, authorize any officer or agent to enter into any contract or execute and deliver any instrument in the name of and on behalf of the Authority, and such authority may be general or confined to specific instances; but, unless so authorized by the Members by resolution, or expressly authorized by these By-Laws, no officer, agent or employee shall have any power or authority to (i) bind the Authority by any contract or engagement other than in the ordinary course of the Authority's business or (ii) pledge the Authority's credit or to render it liable financially in any amount for any purpose, except for the payment of a debt or obligation not in excess of:

- (i) for all contracts, or orders, for work, materials or supplies performed or furnished in connection with construction, the sum of \$5,000.00; and
- (ii) for all other purposes, the sum of \$15,000.00.

The foregoing limitations shall not apply to the payment of the Authority's obligations under, in connection with or pursuant to any contract or engagement that has been properly authorized in accordance with these By-Laws.

8. Defense and Indemnification of Members, Officers and Employees. The Authority shall defend, indemnify and save harmless its employees (as "employee" is defined in Section 18 (1)(b) of the Public Officers Law of the State of New York) to the full extent authorized or permitted by Section 18 of the Public Officers Law (being Chapter 277 of the Laws of 1981) or by any other applicable law. Said Section 18 of the Public Officers law is incorporated by reference herein as if fully set forth in this Section 8. The Authority makes the agreements required by Section 2(b) of said Section 18 of the Public Officers Law and is authorized to provide insurance as permitted by Section 8 of said Section 18 of the Public Officers Law.

ARTICLE V
Amendments

1. These By-Laws may be repealed or amended by the Monroe County Water Authority at any duly called regular or special meeting of the Authority, provided, however, that any motion to repeal or amend these By-Laws shall not be adopted until the same has laid on the table until the next succeeding regular meeting.

ARTICLE VI
Seal

1. The seal of the Water Authority shall be circular in form and shall bear the name of the Monroe County Water Authority, State of New York and 1951. Thus:

I, KATHLEEN EISENMANN, duly appointed and qualified Secretary of the Monroe County Water Authority do hereby CERTIFY that the foregoing is a true, correct and complete copy of the By-Laws of said Monroe County Water Authority, as amended December 13, 2012.

WITNESSETH, my hand and seal this 14th day of December, 2012.

Kathleen A. Eisenmann,
Secretary to the Authority

MCWA MISSION STATEMENT

The Monroe County Water Authority is a not-for-profit public benefit corporation that reliably provides quality, affordable water to Monroe County and area communities who request service.



PERFORMANCE MEASUREMENTS FOR 2015

The Monroe County Water Authority will evaluate and monitor the following goals and global performance measurements to assess our effectiveness in meeting our mission.

The **reliability** component of our mission will be evaluated by the following:

- Continuity of production capacity is paramount. Unplanned outages from treatment plants and pumping stations are tracked by the number of events and duration of events. As each of these facilities is unique and will have a varying level of severity of impact, each outage event of greater than four hours is assessed and, if necessary, an action plan to minimize impacts is to be developed.
- Distribution System reliability is measured by an assessment of the number of main breaks per mile of water main as benchmarked against the most recent American Water Works Association Benchmarking report. Our goal is to achieve a benchmark that is better than the national average ratio.
- Maintaining the long-term reliability of our infrastructure requires a planned reinvestment in its renewal. Our goal is to implement a budget that reinvests a minimum of 2% of annual revenues in the renewal and replacement of our infrastructure.

The **quality** aspect of our mission will be evaluated by:

- Our goal is to produce and deliver water that meets or exceeds the requirements of state and federal water quality regulations. This can be measured by compliance with each regulated parameter and is reported to the Board, and our customers, with an annual Water Quality Report.
- Our Customer Service Information System includes tracking mechanisms for categorizing and measuring the number of customer calls that are specific to quality. Trends and specific events are analyzed and, if necessary, action plans are to be implemented.

The **affordable** component of our mission will be judged in relation to:

- Our goal is to achieve a better than average cost of service for a typical residential customer as benchmarked against our peer group of New York State water purveyors.
- The ratings on our bonds affect the cost of capital to our customers and it also provides an outside perspective and analysis of the overall financial health of the Water Authority. Our goal is to maintain a double A rating or better from the rating agencies.

The response to **request of service** to area communities component of our mission statement will be measured by:

- Requests for service can be accurately measured by reporting and tabulating contacts from local communities. Internal procedures direct all such contacts of this nature be directed to the Executive Director's office, who will annually report all such requests and the status thereof to the Board.



REPORT ON 2015 PERFORMANCE MEASUREMENTS

The Monroe County Water Authority will evaluate and monitor the following goals and global performance measurements to assess our effectiveness in meeting our mission.

The **reliability** component of our mission will be evaluated by the following:

- Continuity of production capacity is paramount. Unplanned outages from treatment plants and pumping stations are tracked by the number of events and duration of events. As each of these facilities is unique and will have a varying level of severity of impact, each outage event of greater than four hours is assessed and, if necessary, an action plan to minimize impacts is to be developed.

✓ **Results for 2015:** *There were no unplanned outages of supply capacity lasting more than four hours. Outages of specific treatment components, tanks, pumps and water mains were either planned in advance or did not lead to a significant reduction in capacity.*

MCWA's treatment, distribution and storage systems have been designed with redundancy and flexibility so that individual components may be temporarily taken out of service while maintaining MCWA's full ability to meet customer demands.

- Distribution System reliability is measured by an assessment of the number of main breaks per mile of water main as benchmarked against the most recent American Water Works Association Benchmarking report. Our goal is to achieve a benchmark that is better than the national average ratio.

✓ **Results for 2015:** *The AWWA benchmark to meet the goal for system integrity is 33.5 breaks / 100 miles of pipeline / year. In 2015 the actual number of breaks and leaks repaired was 645, yielding an actual system integrity rating of 19.8, well below national median.*

- Maintaining the long-term reliability of our infrastructure requires a planned reinvestment in its renewal. Our goal is to implement a budget that reinvests a minimum of 2% of annual revenues in the renewal and replacement of our infrastructure.

✓ **Results for 2015:** *The Water Authority's 2015 budget for infrastructure related reinvestment was as follows:*

▪ Production & Transmission:	\$ 1,045,000
▪ Engineering:	\$7,500,000
▪ Facilities Fleet Operations:	\$1,585,000
▪ Finance & Business Services:	\$2,421,000
▪ Total	\$12,551,000

All projects in the budget were either initiated or completed in 2015.

This reinvestment in infrastructure replacement was greater than the goal amount.

The **quality** aspect of our mission will be evaluated by:

- Our goal is to produce and deliver water that meets or exceeds the requirements of state and federal water quality regulations. This can be measured by compliance with each regulated parameter and is reported to the Board, and our customers, with an annual Water Quality Report.

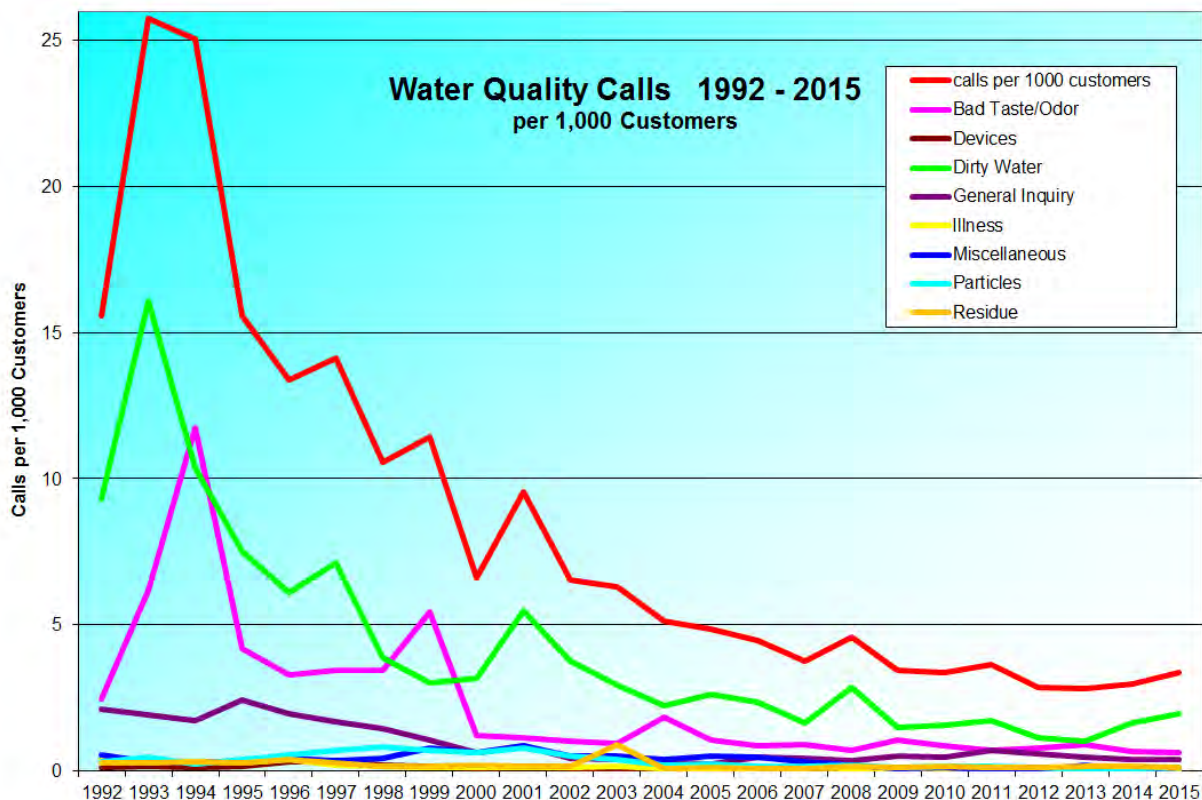
✓ **Results for 2015:**

All of Monroe County Water Authority's produced and delivered water supplies were in full compliance with New York State Health Department and EPA regulatory requirements. Our Annual Water Quality Report reflecting this achievement will be made available to our customers on the MCWA.com website or delivered to customers in accordance with the revised EPA regulations regarding the Consumer Confidence Report (CCR) requirements.

- Our Customer Service Information System includes tracking mechanisms for categorizing and measuring the number of customer calls that are specific to quality. Trends and specific events are analyzed and, if necessary, action plans are to be implemented.

✓ **Results for 2015:**

MCWA received about 610 quality related customer calls in 2015 (about 3 calls per thousand customers). The Shoremont Lab handled 235 of these calls, 70 of which resulted in onsite investigations and action plans if needed. The overall trend in customer calls has been downward over the past 21 years (see chart below).



The **affordable** component of our mission will be judged in relation to:

- Our goal is to achieve a better than average cost of service for a typical residential customer as benchmarked against our peer group of New York State water purveyors.

✓ **Results for 2015:** *The analyses of the rates charged for a typical residential customer for our peer group is shown below. MCWA rates in the lower quartile, significantly better than the 2015 goal.*

Comparison of Water Charges				
(All amounts in \$)				
	Annual Fixed Charge	Annual Consumption- Based Charge	Annual Minimum Charge	Annual Total Charge
Suffolk County Water Authority	86	139	86	225
Albany Water Board	0	286	105	286
Monroe County Water Authority	77	227	77	304
City of Syracuse	0	311	151	311
City of Watertown	0	325	133	325
Erie County Water Authority	79	254	193	332
Western Nassau Water Authority	0	342	166	342
Yonkers	0	357	0	357
Onondaga County Water Authority	116	243	116	359
City of Rochester	88	275	88	363
Niagara Falls Water Board	15	350	185	365
Buffalo Water Board	140	244	140	384
New York	0	407	179	407
City of Binghamton	64	347	201	411
Elmira Water Board	0	453	153	453
City of Poughkeepsie	3	460	123	463
Mohawk Valley Water Authority	119	356	249	476
Average	46	316	138	363
Notes				
Charges are based on rates in effect in January 2016				
Charges assume a single family residential customer using a 5/8" meter and 80,000 gallons of water per year				
Minimum charges include fixed charges				

- The ratings on our bonds affect the cost of capital to our customers and it also provides an outside perspective and analysis of the overall financial health of the Water Authority. Our goal is to maintain a double A rating or better from the rating agencies.

✓ **Results for 2015:** *Moody's and Standard & Poor's assigned long-term ratings as listed below, unchanged from last year (MCWA last issued Water System Revenue Bonds in August 2013).*

- *Standard and Poor's: AA+*
- *Moody's: Aa2*

The response to **request of service** to area communities' component of our mission statement will be measured by:

- Requests for service can be accurately measured by reporting and tabulating contacts from local communities. Internal procedures direct all such contacts of this nature be directed to the Executive Director's office, who will annually report all such requests and the status thereof to the Board.

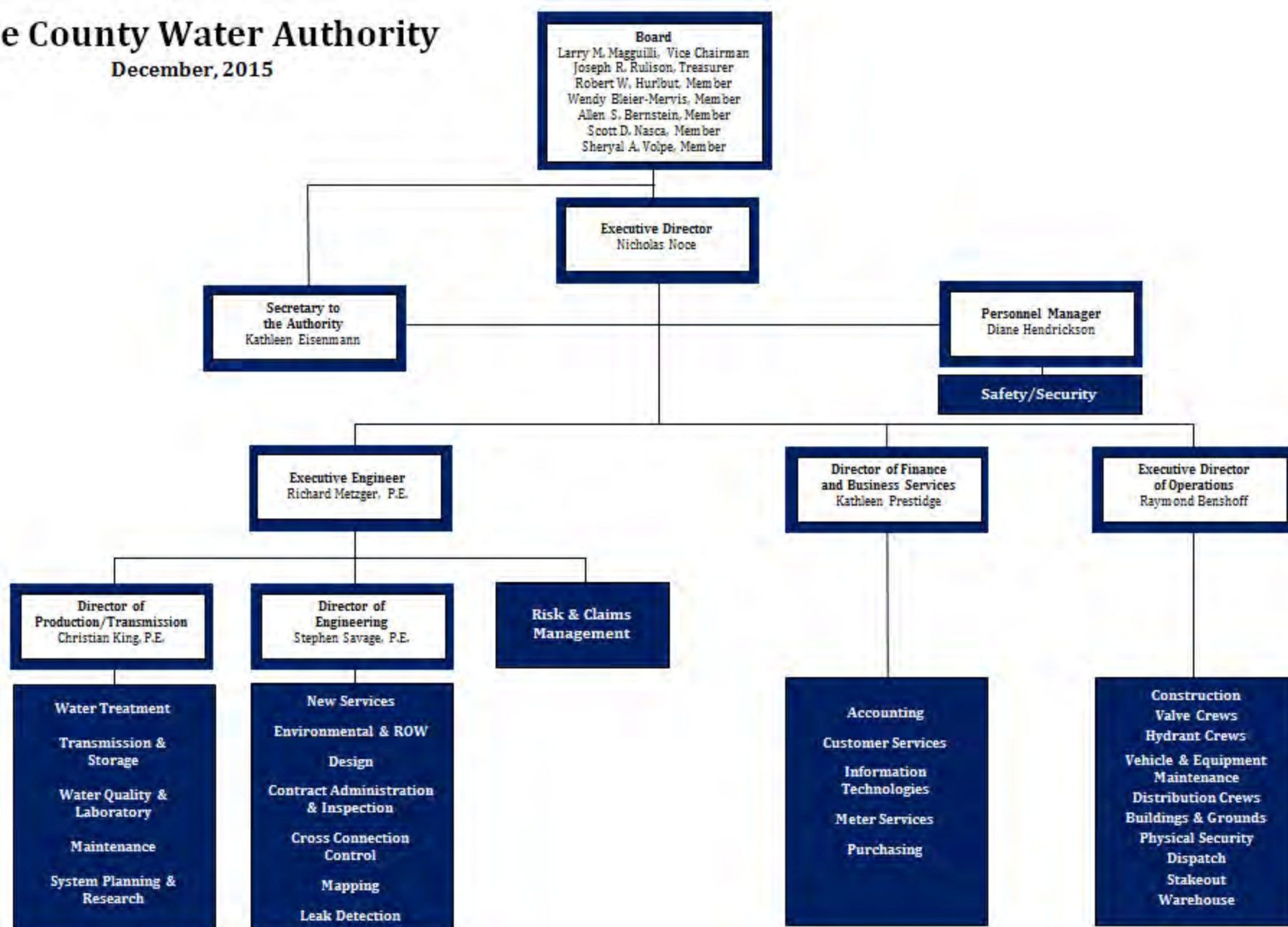
✓ **Results for 2015:** *A report of contacts made by water purveyors that are presently un-served, or looking to upgrade service from wholesale to retail, was presented to the Board at its January 2015 meeting.*

We entered into new emergency supply agreement with the Canandaigua / Farmington Water District in June 2015.

We responded to inquiries and had discussions regarding service options with the Towns of Clarendon, Bethany, and Pavilion and the Village of Bergen.

Monroe County Water Authority

December, 2015



MONROE COUNTY WATER AUTHORITY

Officers and Members of the Authority

By statute, MCWA Board Members are appointed by the President of the County Legislature of Monroe County subject to confirmation by a majority of the County Legislature of Monroe County.

Larry M. Magguilli is a licensed Real Estate Broker who is associated with Hunt Real Estate and is President of First Team Real Properties, Inc. He previously worked in both the New York State Assembly and the New York State Senate. Mr. Magguilli also served on the Zoning and Planning Boards in the town of Pittsford, and the Rochester Real Estate Board and Sisters of Mercy Residential Housing Board.

A Board Member for the Monroe County Water Authority since 1998, he currently serves as Vice Chairman and Acting Chair of the Board of Directors. He also serves on the Audit and Governance committees.

Mr. Magguilli graduated from St. John Fisher College and McQuaid Jesuit High School.

Joseph R. Rulison is Co-Founder and CEO at **three+one** advisors. He is the former Managing Director for the Upstate New York market, for J.P. Morgan Private Bank.

A Board Member, and Treasurer, for the Monroe County Water Authority, Mr. Rulison currently serves as Chair of the Audit committee. In addition, he serves on the Board of Directors at Visit Rochester and the Memorial Art Gallery, as well as being a Trustee and past Chair for St. John Fisher College, and Trustee to the University of Redlands, Redlands, California. He formerly served as the Chairman of the County of Monroe Industrial Development Agency (COMIDA) and Chairman of the Board of Trustees for Geva Theater.

Mr. Rulison holds an Honorary Doctor of Law degree from St. John Fisher College.

Wendy Bleier-Mervis has been Executive Director of Camp Good Days and Special Times since 2006. Before that, Ms. Bleier-Mervis served as Interim Executive Director and Camp Director. She is a former physical education teacher and varsity softball coach.

Ms. Bleier-Mervis serves as Chair of the Monroe County Youth Board, and is a member of numerous professional organizations including the Association of Fundraising Professionals and the Council of Agency Executives. She was named Honorary Chair of the WHAM Women Sports Award and Luncheon in 2008 and was inducted into the Section V Athletics Hall of Fame in 2009.

She holds a BS in Physical Education from SUNY Brockport, a MS in Educational Administration from SUNY Brockport and BS in Political Science from Colgate University.

She was named to the Water Authority's Board of Directors in 2011 and currently serves as Chair for the Governance Committee as well as being a member of the Audit committee.

Robert W. Hurlbut has been president of ROHM Services Corporation, which operates 13 nursing homes in upstate New York and Florida, since 1993. Prior to that time, he served as Vice President of ROHM Services Corporation and was administrator at Hurlbut Nursing home in Brighton.

Mr. Hurlbut is a graduate of Rochester Institute of Technology, with a degree in Food, Hotel and Travel Management. He serves on numerous community and civic boards. He was

named a Distinguished Alumnus of Rochester Institute of Technology in 1998 and was given the University's Sarah Margaret Gillam Award – Hotel School in 2009. He was named one of Rochester's 40 Under 40 by the Rochester Business Journal in 1995.

He was appointed to the Water Authority's Board of Directors in 2011 and serves as Chair for the Finance committee.

Allen S. Bernstein is Executive Vice President of DePrez Travel, a group of Rochester companies in the travel industry. He was formerly an investigator for the Monroe County Sheriff's Office in the White Collar Crime Unit and has previously served as a Commissioner of the Rochester Genesee Regional Transit Authority and as a board member of Rochester Crimestoppers.

Mr. Bernstein was trained at the FBI Academy in Virginia and attended numerous seminars dealing with all facets of law enforcement. He is a graduate of Monroe Community College.

He was appointed to the Water Authority's Board of Directors in January 2014 and is a member of the Finance committee.

Scott D. Nasca is the President of Generation Capital Management, LLC in Rochester, New York. He is the former Principal and Director of Equity Investments at Karpus Investment Management in Pittsford, New York.

Mr. Nasca currently serves as a member of the Association for Investment Management and Research as well as the Rochester Society of Security Analysts.

Mr. Nasca holds an MBA with a concentration in Finance from the Rochester Institute of Technology.

He was appointed to the Water Authority's Board of Directors in January 2014 and is a member of the Governance and Finance committees.

Sheryal A. Volpe is an independent NYS Licensed Real Estate Broker who specializes in commercial sales, leasing and property management.

Mrs. Volpe previously served on the Ontario County Board of Supervisors and was Planning Committee Chair; Canadice Town Supervisor, Budget Officer, Assessor Chairwoman; Former Vice President of Genesee Finger Lakes Regional Planning Council.

Mrs. Volpe is also Vice President of Patriot Business and Realty Services Corporation.

She was appointed to the Water Authority's Board of Directors in November 2015.

Name	Appointment/Reappointment Date	Term Expiration Date
Larry M. Magguilli	09/12/2012	04/01/2017
Joseph R. Rulison	05/13/2014	04/01/2019
Wendy Bleier-Mervis	12/14/2011	04/01/2016
Robert W. Hurlbut	09/12/2012	04/01/2017
Allen S. Bernstein	01/14/2014	04/01/2018
Scott D. Nasca	05/13/2014	04/01/2019
Sheryal A. Volpe	11/10/2015	04/01/2016

Management of the Authority

Nicholas A. Noce, appointed Executive Director for the Authority on December 1, 2011 following a 15-month period serving as Interim Executive Director. He has been employed with the Authority since May of 2005 and previously held the position of Director of Finance & Business Services. He received a Bachelor of Science degree from Niagara University and is a member of the NYS Government Finance Officers Association and American Water Works Association. During his tenure as Director of Finance & Business Services his fiscal guidance contributed to the Authority's strong bond ratings. Prior to joining the Authority, Mr. Noce held various financial positions in another public benefit corporation.

Richard J. Metzger, P.E., Executive Engineer for the Authority since 1989. He received a Bachelor of Science degree in Civil Engineering from Rochester Institute of Technology. Before joining the Authority, Mr. Metzger was a project engineer with O'Brien & Gere Engineers, Inc. of Syracuse, New York, consulting engineers to the Authority.

Raymond W. Benshoff, Executive Director of Operations, has been employed with the Authority since 1996. He received a Bachelor of Science degree in Business Administration from Trine University and is a member of the Monroe County Highway Superintendents Association. Prior to joining the Authority, Mr. Benshoff spent 25 years in management positions in the construction equipment field.

Christian E. King, P.E., appointed Director of Production and Transmission in July of 2012. He holds a Bachelor of Science degree in Civil Engineering from Clarkson University, and a Master of Science degree in Water Resources Planning and Management from Colorado State University. Prior to joining the Water Authority in 1997, Mr. King held positions as an environmental engineer for Kodak and Exxon.

Kathleen A. Prestidge, Appointed Director of Finance & Business Services for the Authority in October of 2013. She received a Bachelor of Science degree in Accounting from Clarkson University. Before joining the Authority in 1989, Ms. Prestidge held positions in banking and finance in the private sector.

Stephen M. Savage, P.E., Director of Engineering for the Authority since February 2008 and has been employed with the Authority since January 2006. He received a Bachelor of Science degree in Civil Engineering from Rochester Institute of Technology. Before joining the Authority, Mr. Savage was a project manager with MRB Group, P.C. (a municipal consulting engineering firm) in Penfield, New York.

MCWA Committees & Members for 2015

Audit Committee

Committee Created January 13, 2005

Joseph R. Rulison (Committee Chair)

Wendy Bleier-Mervis

Larry M. Magguilli

Governance Committee

Committee Created August 11, 2005

Wendy Bleier-Mervis (Committee Chair)

Larry M. Magguilli

Scott D. Nasca

Finance Committee

Committee Created March 2010

Robert W. Hurlbut (Committee Chair)

Scott D. Nasca

Allen S. Bernstein

Monroe County Water Authority – Board Meetings 2015 – Board Attendance

- January 15, 2015 Regular Board Meeting
Five (5) Members were in attendance: Chairman Quattrone, Mr. Magguilli, Mr. Nasca, Mr. Bernstein and Ms. Bleier-Mervis. Members absent, Two (2): Mr. Rulison and Mr. Hurlbut.
- February 12, 2015 Regular Board Meeting
Four (4) Members were in attendance: Vice Chairman Magguilli, Mr. Rulison, Mr. Hurlbut and Mr. Nasca. Members absent, Three (3): Mr. Quattrone, Ms. Bleier-Mervis and Mr. Bernstein.
- March 12, 2015 Regular Board Meeting
Seven (7) Members were in attendance: Chairman Quattrone, Mr. Magguilli, Mr. Rulison, Mr. Hurlbut, Ms. Bleier-Mervis, Mr. Nasca and Mr. Bernstein. All present.
- April 16, 2015 Regular Board Meeting, followed by Annual Meeting
Five (5) Members were in attendance: Chairman Quattrone, Mr. Magguilli, Mr. Rulison, Mr. Nasca and Mr. Bernstein. Members absent, Two (2): Mr. Hurlbut and Ms. Bleier-Mervis.
- May 14, 2015 Regular Board Meeting
Five (5) Members were in attendance: Chairman Quattrone, Mr. Magguilli, Ms. Bleier-Mervis, Mr. Nasca and Mr. Bernstein. Members absent, Two (2): Mr. Hurlbut and Mr. Rulison.
- June 11, 2015 Regular Board Meeting
Five (5) Members were in attendance: Chairman Quattrone, Mr. Magguilli, Mr. Rulison, Ms. Bleier-Mervis and Mr. Nasca. Members absent, Two (2): Mr. Bernstein and Mr. Hurlbut.
- July 9, 2015 Regular Board Meeting
Six (6) Members were in attendance: Chairman Quattrone, Mr. Magguilli, Mr. Rulison, Ms. Bleier-Mervis, Mr. Nasca and Mr. Bernstein. Member(s) absent, One (1): Mr. Hurlbut.
- August 13, 2015 Regular Board Meeting
Seven (7) Members were in attendance: Chairman Quattrone, Mr. Magguilli, Mr. Rulison, Ms. Bleier-Mervis, Mr. Hurlbut, Mr. Nasca and Mr. Bernstein. All present.

Mr. Quattrone retired August 15, 2015.
- September 10, 2015 Regular Board Meeting
Five (5) Members were in attendance: Vice Chairman Mr. Magguilli, Mr. Rulison, Mr. Nasca, Ms. Bleier-Mervis and Mr. Hurlbut. Member(s) absent, One (1): Mr. Bernstein.
- October 8, 2015 Regular Board Meeting
Six (6) Members were in attendance: Vice Chairman Mr. Magguilli, Mr. Rulison, Mr. Hurlbut, Ms. Bleier-Mervis, Mr. Nasca and Mr. Bernstein. All present.
- November 12, 2015 Regular Board Meeting
Six (6) Members were in attendance: Vice Chairman Mr. Magguilli, Mr. Rulison, Mr. Hurlbut, Ms. Bleier-Mervis, Mr. Nasca and Mr. Bernstein. All present.

Mrs. Volpe appointed to the Board - November 2015.
- December 10, 2015 Regular Board Meeting
Six (6) Members were in attendance: Treasurer Rulison, Ms. Bleier-Mervis, Mr. Hurlbut, Mr. Nasca, Mr. Bernstein and Mrs. Volpe. Member(s) absent, One (1): Mr. Magguilli.

Summary Results of Confidential Evaluation of Board Performance – year-ending 2015

Criteria	Agree	Somewhat Agree	Somewhat Disagree	Disagree
	#	#	#	#
Board members have a shared understanding of the mission and purpose of the Authority.	7			
The policies, practices and decisions of the Board are always consistent with this mission.	7			
Board members comprehend their role and fiduciary responsibilities and hold themselves and each other to these principles.	7			
The Board has adopted policies, by-laws, and practices for the effective governance, management and operations of the Authority and reviews these annually.	7			
The Board sets clear and measurable performance goals for the Authority that contribute to accomplishing its mission.	7			
The decisions made by Board members are arrived at through independent judgment and deliberation, free of political influence or self-interest.	7			
Individual Board members communicate effectively with executive staff so as to be well informed on the status of all important issues.	7			
Board members are knowledgeable about the Authority's programs, financial statements, reporting requirements, and other transactions.	7			
The Board meets to review and approve all documents and reports prior to public release and is confident that the information being presented is accurate and complete.	7			
The Board knows the statutory obligations of the Authority and if the Authority is in compliance with state law.	7			
Board and committee meetings facilitate open, deliberate and thorough discussion, and the active participation of members.	7			
Board members have sufficient opportunity to research, discuss, question and prepare before decisions are made and votes taken.	7			
Individual Board members feel empowered to delay votes, defer agenda items, or table actions if they feel additional information or discussion is required.	7			
The Board exercises appropriate oversight of the CEO and other executive staff, including setting performance expectations and reviewing performance annually.	7			
The Board has identified the areas of most risk to the Authority and works with management to implement risk mitigation strategies before problems occur.	7			
Board members demonstrate leadership and vision and work respectfully with each other.	7			

Name of Authority: MONROE COUNTY WATER AUTHORITY

Date Completed: March 14, 2016

2015
Monroe County Water Authority
Executive Management Compensation

<u>Employee Name</u>	<u>Title</u>	<u>Annual Salary</u>
Noce, Nicholas	Executive Director	\$ 194,085
Metzger, Richard	Executive Engineer	\$ 181,542
Benshoff, Raymond	Executive Director of Operations	\$ 172,890
Prestidge, Kathleen	Director of Finance/Business Services	\$ 130,624
Savage, Stephen	Civil Engineer/Director of Engineering	\$ 132,600
King, Christian	Director of Production/Water Supply	\$ 124,800

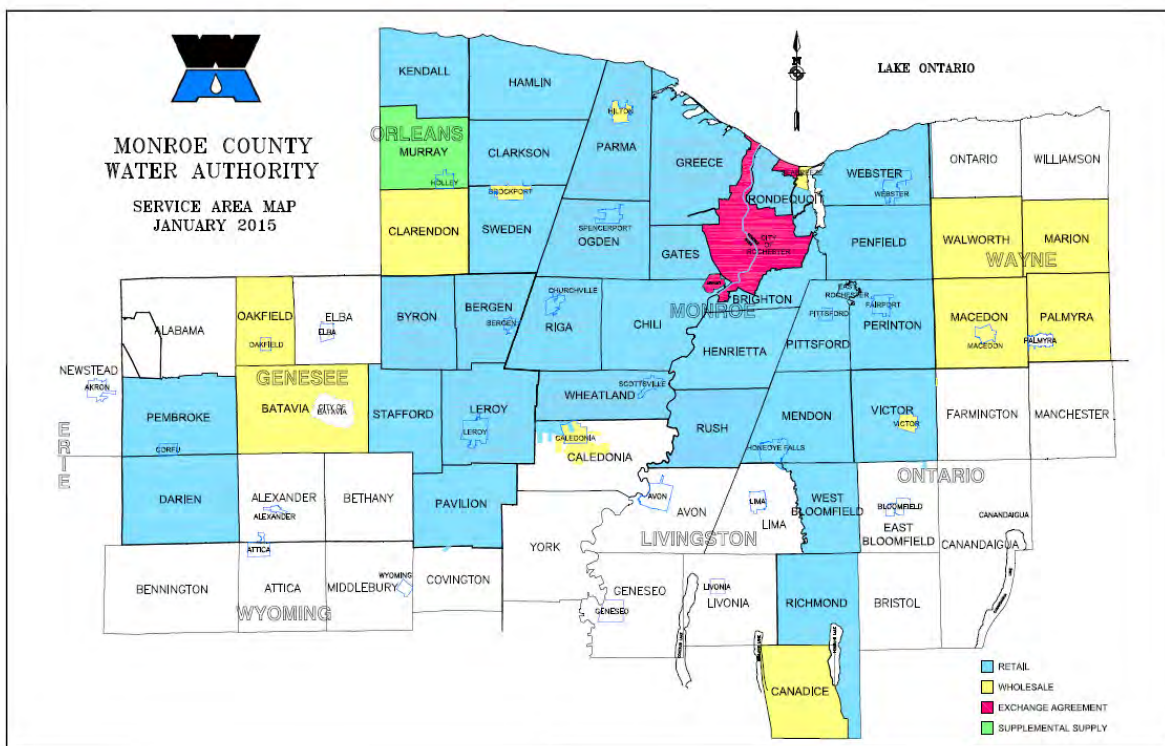
MONROE COUNTY WATER AUTHORITY
Employee Count
For Year Ending December 31, 2015

	FULL TIME	PART TIME	CO-OP, TEMP & SEASONAL	TOTALS
Administration	8	9	0	17
Production & Transmission	43	2	0	45
Engineering	30	2	0	32
Facilities, Fleet & Operations	77	0	0	77
Finance & Business Services	<u>47</u>	<u>0</u>	<u>0</u>	<u>47</u>
TOTAL	205	13	0	218

Operations of the MCWA

Background

The MCWA services Monroe County and portions of each of the five surrounding counties. The Authority's service area includes over 50 towns, villages, cities and other Water Authorities. MCWA presently serves approximately 200,000 separate retail, wholesale and other customer accounts. It also provides the City of Rochester with up to 26 million gallons per day (mgd) for distribution within its retail service area.



The Authority currently sets rates at levels sufficient to pay debt service on outstanding Authority obligations, to pay operating and maintenance expenses, and to make payments to the County under the existing lease and financing agreement between the MCWA and the County.

Water Supply

The Authority's primary source of water is Lake Ontario. The water is treated at the Shoremont Water Treatment Plant (WTP) in the Town of Greece and the 50mgd Webster WTP in the Town of Webster. The Authority's other major source of water consists of water purchases from the City of Rochester pursuant to an existing exchange agreement. This water comes from Hemlock and Canadice Lakes in Livingston County south of Monroe County.

The Authority can also purchase water from the Town of Ontario, Wayne County; the City of Batavia, Genesee County, and the Erie County Water Authority. These sources are minor in relation to the overall water system and are for our convenience or pursuant to terms of agreements when the Authority became the provider of water.

The Authority provides water on a retail or wholesale basis. In retail areas the Authority supplies the water, maintains the distribution system, and bills the customer directly. In wholesale areas a municipality or water district buys some or all of its water from the Authority, but maintains its own distribution and customer billing systems.

Facilities

The Shoremont and Webster Water Treatment Plants employ the direct filtration process using Lake Ontario as their source of supply. The main components of each plant are the raw water intake, pumping and transmission, chemical addition, rapid mixing, contact basins, filtration, residuals disposal, clearwell storage and high lift pumping. The Authority also operates a small well supply to a plant in the Village of Corfu. With the exception of the Corfu plant, the entire water supply receives the same chemical process, coagulation, filtration, carbon absorption and disinfection. The Corfu Water Plant uses carbon absorption, softening and disinfection. Water is pumped from the treatment plants to storage facilities and customers in the water system service area through approximately 3,240 miles of transmission and distribution mains, ranging in diameter from 2" to 60". The water system operates 40 pumping stations to provide the pressure to distribute water to storage facilities and customers. The system includes two reservoirs and 53 other storage facilities with an aggregate capacity of 149 million gallons. All service connections are metered, with the meters owned by the Authority.

As with most other water systems, our water usage also varies year to year depending on weather variations. Hot, dry summers tend to increase water usage, while colder and wetter summers tend to dampen or reduce water usage.

Financial Highlights

MCWA Rates & Charges - The Authority sets its rates annually in concurrence with the adoption of its annual operating budget. The Authority is required by its Trust Indenture dated October 1, 1991 and Supplemental Indentures issued with and specific to each subsequent revenue bond issue (Trust Indentures) to set rates and fees sufficient to cover all its operating and capital expenses. The Authority raised rates in 2015 to achieve the projected revenues to cover total budgeted expenses.

Summary of Operating Revenues

	<u>2015</u>
Water Sales:	
Residential/Quarterly	\$48,987,079
Large Commercial/Monthly	5,308,211
Water Districts/Wholesale	<u>2,829,711</u>
Total Water Sales	\$57,125,001
Other Water and Operating Revenue	<u>4,857,041</u>
Total Operating Revenue	\$61,982,042

Operating Expenses - The Authority's expenses (excluding depreciation and amortization) are budgeted and tracked functionally by operating department. The Authority is functionally divided into: Administration, Production/Transmission, Engineering, Facilities, Fleet & Operations, and Finance & Business Services.

The following is a breakdown of the Authority's functional expenses by operating department (excluding depreciation and amortization):

	<u>2015</u>
FUNCTIONAL EXPENSES:	
Administration	\$ 8,217,451
Production/Transmission	12,038,416
Engineering	3,553,659
Operations & Maintenance	12,932,953
Finance & Business Services	<u>6,036,470</u>
Total functional expenses	\$42,778,949

Long-Term Debt Administration - The Authority has seven water revenue bond series outstanding totaling \$142,390,000 as of December 31, 2015.

Credit Ratings - The Authority is the recipient of very favorable credit ratings from both Moody's and Standard & Poor's. The Authority has an Aa2 rating assigned to its revenue bonds by Moody's Investors Service and an AA+ rating by Standard & Poor's. The Authority's bond ratings were last reviewed by Moody's Investor Service and Standard & Poor's in December of 2012. The Authority issues revenue bonds subject to its Master Trust Indenture dated October 1, 1991 and Supplemental Indentures issued with and specific to each subsequent revenue bond issue.

Monroe County Water Authority

2015 Water System Accomplishments / Projects

Below is a summary of improvements made to the Monroe County Water Authority water system in 2015. This list is inclusive of both completed and ongoing projects.

Water Mains

- Completed the design and bid, and substantially completed the construction, of the 2015 Cement Lining Project. This project consists of cleaning and cement mortar lining approximately 22,000 linear feet of 4-inch, 6-inch, and 10-inch cast iron water mains and the replacement of approximately 52 valves, 42 hydrants in the Village of Fairport.
- Completed the design, permitting and construction of the Mt. Read Blvd. main installation project – Phase 1 and Phase 2. This project consisted of the installation of approximately 1,100 linear feet of 4-inch and 6-inch ductile iron water main on Mt. Read Blvd. in the Town of Greece to accommodate shallow water services that were susceptible to freezing.
- Investigated, permitted and lowered approximately 100 water services that have frozen.
- Designed, permitted and obtained easements for the installation of the Route 96 (two-way) meter and vault installation in the Town of Victor. The new concrete meter will allow for bi-directional flow into and out of the Village of Victor. This project will be constructed and put into service with other Victor connection projects in early 2016.
- Designed and installed the replacement of a 42-inch valve to isolate the Lee Road West Tank from the Lee Road East Tank in the Town of Greece.
- Completed the design and bid, and began the construction of the Basket Road water main replacement project. This project consists of the replacement of approximately 10,400 linear feet of 8-inch ductile iron water main and appurtenances on Basket Road, from Schlegel Road north to Lake Road in the Town of Webster.
- Designed, permitted, and installed the Oatka and Brookside Main Replacement project. This project consists of the replacement of approximately 225 linear feet of 6-inch ductile iron water main under Spring Creek, along Brookside Drive and 100 linear feet of 8-inch ductile iron water main on Oatka Ave. in the Town of Wheatland.
- Designed, permitted and substantially completed the construction of a main replacement adjacent to Mill Creek in the Town of Richmond. This project consists of the replacement of 275 linear feet of 8-inch ductile iron water main in the Town of Richmond. The water main replaced an existing water main that was exposed due to the eroding bank of Mill Creek.
- Completed the design and bid, and substantially completed the construction of the 2015 Cathodic Protection Contract. This project consisted of the installation of 144 48-lb anodes, 9 anode stations, 13 interference test stations, 3 insulation test stations, on 9,800 linear feet of 36-inch Steel transmission main in the Towns of Pittsford and Perinton.

- Completed the design and bid, and substantially completed the construction of the 2015 Structural Lining Project. This project consisted of cleaning and structurally lining approximately 9,615 lineal feet of 6-inch and 8-inch cast iron water mains in the Towns of Irondequoit, Gates, and Perinton.
- Completed the design and bid, and construction of the Sunset Drive Main Replacement Project. This project consisted of the replacement of approximately 3,950 linear feet of 8-inch ductile iron water main and appurtenances on Sunset Boulevard, in the Town of Pittsford.
- Completed the design, bid and construction of the Bayshore Road Main Replacement project. This project consisted of the replacement of approximately 2,400 linear feet of 8-inch ductile iron water main and appurtenances on Bay Shore Boulevard, in the Town of Irondequoit.
- Completed the design of the Blazey Road Main Replacement project. This project is anticipated to be completed in early 2016 and consists of the replacement of approximately 1,490 linear feet of 8-inch ductile iron water main on Blazey Road from Richardson Road to Bortle Road in the Town of Victor.
- Completed the design and permitting for the revised crossing of the canal with a 24-inch water main between Kreag Road and Ayrault Road in the Town of Perinton. The original design included crossing the canal below grade and was changed to accommodate the installation of a pipe bridge over the canal due to subsurface conditions encountered during construction for the project.
- Completed the design and bid, and substantially completed the construction for the County Road 9 water main installation. This project consisted of the installation of approximately 3,820 linear feet of 12-inch ductile iron water main on CR 9 from Hillcrest Drive north to Duck Hollow in the Town of Victor.
- Completed the design and bid, and began construction of the Plaster Mill Road Main Installation. This project consisted of the installation of approximately 2,000 linear feet of 8-inch ductile iron and high density polyethylene water main and appurtenances on Lynaugh Road, Victor Manchester Road (NYS Route 96) and Plaster Mill Road in the Town and Village of Victor.
- Completed the construction of the Fisher Road Water Main Replacement Project. This project consisted of the installation of approximately 5,515 linear feet of 8-inch ductile iron and 440 linear feet of PVC water main and appurtenances on Fisher Road in the Town of Chili.
- Completed the construction of the Brighton Pittsford Water Main Replacement Project. This project involved the installation of approximately 1,900 linear feet of 8-inch ductile iron water main and appurtenances on Clover Street (County Road 271) in the Town of Brighton and 1,500 linear feet of 8-inch and 365 linear feet of 6-inch ductile iron water main and appurtenances on East Park Road and Smead Road in the Town of Pittsford.
- Completed design, permitting and repairs to pipe bridges on bridges at Parker Street in the Town of Perinton and at Kodak in the Town of Greece.

Water Storage Facilities

- Completed the rehabilitation of the 2014 Tank Painting Project – Corfu and Keith Terrace Tanks. This project included the rehabilitation of the 0.65 million gallon Corfu Water Storage Tank in the Village of Corfu, and the 0.50 million gallon Keith Terrace Water Storage Tank in the Town of Chili.
- Completed the design, bid and rehabilitation of the White Road Tank Painting Project. This project consisted of the repair and recoating of the interior and exterior of the 0.15 million gallon steel stand pipe in the Town of Richmond.
- Completed the design and bid, and began the 2015 Tank Rehabilitation Project - Lee Road West and West Main Street Tanks. This project consists of the repair and recoating of the interior and exterior of the 5 million gallon steel water storage tank in the Town of Greece, and the 1 million gallon steel stand pipe in the Village of LeRoy.
- Completed phase 1 of the Moseley Road Water Storage Tank rehabilitation. Phase 1 consisted of the installation of a new concrete floor on top of the existing gunite floor to prepare for a new interior coating system that will be designed to reduce the amount of leakage that is currently occurring. Improved drainage around the perimeter of the tank, with the installation of drainage tiles installed 4' below grade. Also replaced the roof vent with a freeze proof design. This tank is a 5 million gallon concrete buried tank in the Town of Perinton.
- Completed the repair of the shell hatchway on the West Lake Road Tank in the Town of Richmond and the Boughton Hill Tank in the Town of Victor. Both hatches were damaged by ice.
- Refurbished the Brockport Tank hypochlorite shed and installed a new chemical feed system in the Town of Sweden.
- Installed new altitude, check and isolation valves at the South Avenue Tank in the Village of Webster.
- Designed, fabricated and installed a flapper valve (air check) on the Denise Overflow line to prevent cover inflation from wind.
- Replaced a venturi meter with a new 16" magnetic flowmeter at Parrish Reservoir.
- Installed air gaps on the overflows of the Harris Hill Tank in the Town of Penfield and Middle Road Tank in the Town of Henrietta.
- Installed new electrical services at the Baker Hill tank in the Town of Victor and Keith Terrace tank in the Town of Chili.
- Prepared the Engineering Assessments of the Parrish Reservoir Dam in the Town of Mendon and the Southeast Reservoir Dam in the Town of Pittsford. Updated the Hazard Classification for the Southeast Reservoir Dam.

- Drained, cleaned and performed interior and exterior inspections of the following water storage tanks in the system:

- | | |
|-----------------------------|---------------------------|
| ○ Alleyn's Rise Tank | ○ Spencerport Tank |
| ○ Betteridge Tank | ○ Widger Rd. Tank |
| ○ Brockport Tank | ○ Webster Water Treatment |
| ○ Boughton Hill Tank | Plant Backwash Tank |
| ○ Canfield Tank | ○ Ogden Tank |
| ○ Gloria Dr. Tank | ○ South Ave. Tank |
| ○ Shoremont Water Treatment | ○ Churchville Tank |
| Plant Backwash Tank | ○ West Brighton Tank |
| ○ Thayer Rd. Tank | |

- Repair the exterior walls on Willard Road concrete water storage tank.
- Developed Contract Documents for and bid Southeast Reservoir Overflow Valve Replacement.
- Began development of Contract Documents for the dismantling and removal the Fairport Tank.

Water Districts

At the request of Towns in the MCWA service area, we assist with their implementation of water district projects. In 2015, two water district projects were completed which involved the installation of 19,700 linear feet of water main serving approximately 50 customers. We also assisted communities with the development of plans and studies for the proposed water districts listed below. Once completed, these projects will have installed approximately 142,200 linear feet of water main.

- | | | |
|-------------------------------|------------------|-----------|
| • Shetler Road WD Ext. No. 1 | Town of Richmond | 36,500 LF |
| • Shetler Road WD Ext. No. 2 | Town of Richmond | 14,860 LF |
| • LeRoy WD No. 10 | Town of LeRoy | 20,100 LF |
| • Byron WD No. 5 | Town of Byron | 19,700 LF |
| • Byron WD No. 6 | Town of Byron | 15,100 LF |
| • Byron WD No. 7 | Town of Byron | 35,910 LF |
| • Smith & W. Bloomfield Rd WD | Town of Mendon | 8,000 LF |

Developer Main Extensions (DME's) and New Services

- Generated 62 Main Extension Agreements and received 66 that were executed; 49 of which were completed as of September 30, 2015.
- Processed 61 initial and 41 revised DME application submissions in 2015 (compared to 50 initial submissions in 2014, 47 in 2013, 51 in 2012, 38 in 2011, and 55 in 2010).
- Of the 61 initial reviews 21 were handled as Water Service Installation Agreements.

- Coordinated the creation of 1,067 new 1-inch service accounts. 821 were generated by developer main extension projects, 51 by water districts, 45 by secondary source change-overs, and 150 by new construction (Reflective of accounts generated from 10/1/14 through 9/30/15).
- Reviewed and approved 55 large service applications.

Backflow Prevention Program

- Received annual backflow prevention device tests reports for 8,955 devices.
- Performed 416 site inspections for new installations, corrections, and hazard abandonments.
- Located 102 lawn irrigation systems and 109 undocumented water driven sump pumps. These systems or devices were all brought into compliance by the installation of a backflow prevention device or by abandoning the hazard.

Pump Stations

- Designed, bid and completed the construction of the 2015 Roof Replacement project. This project consisted of the replacement of approximately 4,300 SF of modified bitumen built-up roofing systems at the Kreag Road Booster Pumping Station in the Town of Perinton, Harek Road Booster Pumping Station in the Town of Gates, and the East Main Booster Pump Station in the City of Rochester.
- Replaced a critical 20" PRV emergency feed to the Mt. Read Booster Pump Station in the Town of Greece.
- Refurbished the motor for Pump #2 at the Lee Road Booster Pump Station in the Town of Greece.
- Transitioned to a new communications network for remote facilities. Old DSL accounts were upgraded to a faster technology and some new cellular communications modems were installed.
- Created a DMZ (firewall) and reconfigured the computer network to separate the SCADA and business networks to enhance cyber security.
- Replaced 7 obsolete Portacell chlorine analyzers in the distribution system.
- Replaced the variable speed drive on Pump #2 at the North Road pump station in the Town of LeRoy.
- Removed and refurbished Pump #1 at the Scribner BPS for use in the future Ayrault BPS. Installed new epoxy floor coating at Low Lift Pump Station #2

Treatment Plants

Webster Plant

- Installed Air Release Valves on all four High Duty Pumps.
- Purchased and installed algae booms in the WWTP North and South Lagoons
- Refurbished equalization tank pump #2 and installed additional fall protection for tank.
- Installation of a new PanelView Operator Interface terminal is in progress. This will provide redundant plant operations in the event of a SCADA System outage.

Shoremont Plant

- Prepared Contract Documents and bid the Backwash Channel Dredging contract for 2015 work.
- Designed, bid and began construction on a new electric substation for plant power.
- Replaced Highduty Pump Control Valve #4 (20").
- Completed #9 High Duty Pump Refurbishment
- Completed the chlorine room wiring modifications including scrubber control modifications.
- Performed extensive preventive maintenance on the gas chlorine system.
- Reconstructed the plant dehumidifier ductwork.
- Mechanically rebuilt and coated Backwash Pump #2.
- Eliminated a chronic drainage issue along the plant foundation.
- Replaced most plant lighting fixtures with low power LED lighting
- Installed a new plant tour display wall with graphics.

**MONROE COUNTY WATER AUTHORITY
CODE OF ETHICS POLICY
(REVISED DECEMBER 2015)**

**ARTICLE 1
PURPOSE**

As a public benefit corporation, the Monroe County Water Authority (the “Authority”) must conduct its operations in a manner that best serves the interests of its customers and the general public. The Authority expects all Members, officers and employees to observe high ethical standards of conduct in the performance of their duties, comply and cause the Authority to comply with all laws and regulations governing business transactions, and use and cause the Authority to use Authority funds and assets only for legal and appropriate public purposes.

This Code of Ethics governs the day-to-day actions of all Members, officers and employees of the Authority. To the extent that a matter falls within the scope of both this policy and the Authority’s Conflicts of Interest Policy or Whistleblower Policy, the provisions of the Conflicts of Interest Policy or the Whistleblower Policy, respectively, shall govern.

**ARTICLE 2
POLICIES**

1. Discharge of Duties

In the course of performing his or her duties, Members, officers and employees shall:

- (a) endeavor to perform the duties of their positions to the best of their ability in furtherance of the Authority’s public purposes;
- (b) uphold high standards of dedicated public service;
- (c) support and encourage fellow employees in the proper execution of their duties; and
- (d) when a question of conduct or regulation occurs, seek the advice of a supervisor, the Authority’s attorneys or the Authority’s independent Ethics Board (formed pursuant to Article 4 hereof).

2. Prohibited Conduct

In the course of performing his or her duties, Members, officers and employees shall not:

- (a) receive any compensation for or have an interest, financial or otherwise, direct or indirect, or incur any obligation that is in substantial conflict with the proper discharge of their duties to the Authority;
- (b) engage in other employment that might impair the independence of their judgment in the execution of their duties with the Authority;

(c) disclose confidential information acquired in the course of official duties nor use such confidential information to further their own personal financial interests;

(d) directly or indirectly solicit or accept any gifts, entertainment, discounts, services, loans or anything of value totaling \$75 or more in any calendar year from any supplier, significant commercial customer, or other persons with whom the Authority does business (gifts of \$75 or more in value must be returned to the donor with the explanation that Authority policy will not permit acceptance of the gift; the Authority will reimburse the employee for the expense of returning gifts); and

(e) engage in conduct prohibited under the Authority's Whistleblower Policy.

3. Specifically Prohibited Actions

Unless otherwise permitted by the Ethics Board, no Member, officer or employee shall engage in the following actions to the extent they create a conflict of interest with the Authority's interest:

(a) receipt by a family member of a Member, officer or employee (family being defined as related by blood or marriage) of gifts or other items described in Section 2(d) of this Article 2;

(b) speculating or dealing in equipment, supplies, or materials normally purchased by the Authority;

(c) borrowing money from the Authority, suppliers, significant commercial customers, individuals or firms with whom the Authority does business (loans or mortgages from banks or individuals doing business with the Authority are exempted if the terms are at current rates and the customary collateral for such transactions is provided);

(d) acquiring an interest in real estate in which it is known that the Authority also has a current or anticipated interest;

(e) misusing information to which the individual has access by reason of his or her position – such as by disclosing confidential information (of a technical, financial or business nature) to others outside or inside the business (whether or not a consideration is received), or using such information for his or her own or family's (as previously defined) benefit;

(f) soliciting funds or other items of value from Authority vendors, suppliers or consultants for oneself or to benefit any other organization, club or person, whether such other persons or entities are charitable, religious or profit-making;

(g) serving as an officer, director or manager with another company or business organization directly or indirectly related to the Authority without specific authorization from the Authority; and

(h) representing current or potential customers to submit applications, plans or other compliance information to the Authority for approval.

The foregoing list does not encompass every situation that may lead to a conflict.

4. Duty to Disclose

Each Member, officer and employee shall have the duty to report to the Ethics Board (as defined below) in writing any violation or possible violation of the terms of this Policy, including without limitation instances of conduct prohibited by this Article 2. The following describes some, but not all, situations that must be disclosed:

(a) engaging in activities as an individual or as the holder of more than a one percent financial interest, directly or indirectly (as an owner, stockholder, securities holder in a publicly owned corporation, partner, joint venturer, creditor, guarantor, director, trustee or beneficiary of a trust), in or with a firm that (i) provides services or supplies materials or equipment to the Authority or (ii) to which the Authority makes sales or provides services;

(b) serving as an employee, owner or consultant of another organization providing goods and/or services to the Authority or one or more of the Authority's significant commercial customers, or functioning individually and providing said services to the Authority or one or more of the Authority's significant commercial customers;

(c) membership on or employment with any entity where such employment, service or membership is incompatible with the proper discharge of official duties, or would impair independent judgment or action in the performance of official duties; and

(d) selling goods, services or other items of value to Authority vendors, suppliers or consultants for oneself or to benefit any other organization, club or person, whether such other persons or entities are charitable, religious or profit-making.

5. Nepotism Policy

(a) Any person living in the same household as a current Member, officer or employee and any person who is a direct descendant of a current Member, officer or employee's grandparents (e.g. siblings, parents, children, nieces, nephews, cousins, etc.) or the spouse of such descendant (individually and collectively, a "Relative") may be considered for a permanent position only if all of the following conditions are met:

- The Relative is an appointment from a Civil Service List.
- There will be no supervisory relationship between the Relative and the current Member, officer or employee.
- The Relative and the current Member, officer or employee will not work in the same department.
- The Executive Director, with the advice of the Department Heads, has approved the hiring of the Relative.

(b) If current Members, officers or employees marry, it may be necessary for the Authority to reassign one or both individuals, particularly in the case of close working, or direct supervisory relationships.

(c) A Relative may be considered for summer or temporary employment only if all of the following conditions are met:

- There will be no supervisory relationship between the Relative and the current Member, officer or employee.
- The Relative and the current Member, officer or employee will not work in the same department.

(d) In no event shall a current Member, officer, or employee participate in any decision to hire, promote, discipline, or discharge a Relative.

ARTICLE 3 DISCLOSURE STATEMENTS

On an annual basis, the Authority shall obtain a completed financial disclosure statement (in the form set forth as Exhibit A attached hereto, a "Disclosure Statement") from each Member, the Executive Director, the Deputy Executive Director, the Department Heads and any employees with authority to approve purchases of amounts greater than \$1,000.

ARTICLE 4 PROCEDURES

1. Ethics Board

The Authority shall establish an Ethics Board comprised of three persons not employed by the Authority. The Members of the Authority shall appoint the members of the Ethics Board on an annual basis. The Ethics Board shall interpret and make recommendations to the Authority regarding any question under or purported violation of this Policy and any statutory enacted ethics standards affecting Members, officers and employees.

Annually, the Ethics Board shall review the completed Disclosure Statements to identify businesses with direct or indirect ties to Members; officers and/or employees of the Authority. The Ethics Board shall determine whether any of these relationships warrant placing the business on a list of businesses that the Authority will not hire (the "Prohibited Contractors List"). In making its determination, the Ethics Board shall assess the nature of the relationship between a Member, officer or employee and an outside business. The Prohibited Contractors List shall include only those businesses where the relationship could lead to ethics problems (e.g., if a relative owns a business that could supply goods or services to the Authority). In contrast, the Prohibited Contractors List shall not include businesses where the potential for ethics problems is minimal (e.g., where a relative is a clerical, ministerial or low-level management employee at an existing or potential vendor, lacks the power to influence the relationship between the business and the Authority and did not obtain his or her position as a means to influence a Member, officer or employee of the Authority).

2. Powers of Ethics Board

At its discretion, the Ethics Board may recommend to the Authority appropriate disciplinary action, which may include, but is not limited to, a reprimand, suspension or termination of employment. Any such recommendation will only be final after any hearing required by Section 75 of the Civil Service Law or any applicable Collective Bargaining Agreement.

ARTICLE 5
ONE-YEAR MORATORIUM

No person who has served as a Member or officer of the Authority shall within a period of one year after the termination of such service or employment render services before the Authority or receive compensation for any such services rendered on behalf of any person, firm, corporation or association in relation to any case or transaction with respect to which such person was directly concerned, or participated in, during the period of his or her service with the Authority.

Notwithstanding the foregoing, the one-year moratorium shall not apply to (i) normal business issues arising as a result of the person's status as a water customer of the Authority and (ii) professional services provided by such person pursuant to a written agreement with the Authority, to the extent such agreement is otherwise consistent with this Code of Ethics.

ARTICLE 6
DISTRIBUTION OF THIS POLICY

This Code of Ethics shall be distributed to each Member, officer and employee of the Authority annually. It shall also be distributed to each new Member, officer and employee as soon as practicable following commencement of such position.

MONROE COUNTY WATER AUTHORITY

ANNUAL STATEMENT OF FINANCIAL DISCLOSURE FOR 2015

FULL NAME: _____

TITLE: _____

HOME ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

EMAIL: _____ PHONE NO.: _____

I. DEFINITIONS

As used in this form, the term “family member” means your spouse, child, step-child, brother, sister, parent step-parent or any person you claimed as a dependent on your most recent income tax return.

II. PUBLIC OFFICE

1. Do you currently hold any elected position with any State, City, County, Town or Village?

Yes: _____ No: _____

If Yes, title of office: _____

2. Do any of your family members currently hold any elected position with any State, City, County, Town or Village?

Yes: _____ No: _____

If Yes, name of family member and title of office:

Name: _____ Title of Office: _____

III. NOT-FOR-PROFIT ORGANIZATIONS

1. Do you currently hold any appointed or elected position with a not-for-profit organization?

Yes: _____ No: _____

If Yes, title of office and name of organization:

2. Do any of your family members currently hold any appointed or elected position with a not-for-profit organization?

Yes: _____ No: _____

If Yes, name of family member, title of office and name of organization:

IV. EMPLOYERS AND BUSINESSES

For you and all family members (regardless of location), please list all employers and businesses, other than the Water Authority, (i) that paid more than \$1,000 for services performed, goods sold or service as a member, director officer or employee during the prior year or (ii) in which you or a family member own at least 5% or \$5,000 (not including ownership of publicly traded stock such as in a mutual fund).

NAME (FOR A FAMILY MEMBER, LIST RELATIONSHIP TO YOU)	BUSINESS	TITLE	NATURE/TYPE OF BUSINESS

V. REAL ESTATE

For you and all family members, please list the address of each parcel of owned real property within the Water Authority's service area other than a primary residence. For commercial real estate, please note the nature of the investment.

NAME OF FAMILY MEMBER AND RELATIONSHIP TO YOU	ADDRESS OF REAL PROPERTY (ADDRESS, CITY, STATE, ZIP CODE)	NATURE OF INVESTMENT

VI. GIFTS

The Water Authority's Code of Ethics Policy prohibits the receipt from suppliers, significant commercial customers and other persons with whom the Water Authority does business (other than persons acting solely as residential customers of the Water Authority) of certain gifts, entertainment, discounts, services, loans or anything of value that collectively exceed \$74.99 in a calendar year from any one source. By signing this form, you represent that you have not received, directly or indirectly, any gifts of greater than \$74.99 received during the prior year from the sources listed above.

VII. UPDATES

If any of your answers change after completing this form but prior to the next annual update, you must send the revised information to the Authority's Director of Personnel in a sealed envelope marked "confidential."

VIII. LIABILITY FOR IMPROPER DISCLOSURE

Any statements made in this disclosure form must be accurate and must not omit relevant information. In the event of a material misstatement or a material omission, you could face civil or criminal penalties under applicable laws and the Water Authority's Code of Ethics Policy.

(signature)

NAME OF EMPLOYEE: _____

DATE: _____, 20____

MONROE COUNTY WATER AUTHORITY
BOND RATINGS

RATING AGENCY	PREVIOUS BOND RATING	CURRENT BOND RATING	ISSUING DATE OF LATEST RATING
MOODY'S INVESTORS SERVICE	Aa2	Aa2	DECEMBER 5,2012
STANDARD & POOR'S	AA+	AA+	DECEMBER 6, 2012

MCWA Grants and Subsidy Programs

MCWA does not offer, or administer, any grant or subsidy programs.

MCWA received no new grants in 2015. MCWA did receive payments in 2015 under an existing grant for the following project:

Project	Grantor	Program
Interest Subsidy	United States Treasury	Build America Bonds

Budget Report for Monroe County Water Authority
Run Date: 03/16/2016
Fiscal Year Ending 12/31/2016
Status: CERTIFIED

Budget & Financial Plan:	Budgeted Revenues, Expenditures, And Changes In Current Net Assets					
	Last Year (Actual) 2014	Current Year (Estimated) 2015	Next Year (Adopted) 2016	Proposed 2017	Proposed 2018	Proposed 2019
<u>REVENUE & FINANCIAL SOURCES</u>						
Operating Revenues						
Charges for services	\$59,483,991	\$60,917,500	\$64,095,600	\$65,768,019	\$68,250,437	\$70,828,435
Rentals & Financing Income	\$0	\$0	\$0	\$0	\$0	\$0
Other Operating Revenues	\$517,272	\$1,671,011	\$1,332,000	\$1,332,000	\$1,332,000	\$1,332,000
Nonoperating Revenues						
Investment earnings	\$115,708	\$90,504	\$30,000	\$30,000	\$30,000	\$30,000
State subsidies / grants	\$0	\$0	\$0	\$0	\$0	\$0
Federal subsidies / grants	\$1,858,793	\$1,851,790	\$1,802,710	\$1,802,710	\$1,802,710	\$1,770,150
Municipal subsidies / grants	\$0	\$0	\$0	\$0	\$0	\$0
Public authority subsidies	\$0	\$0	\$0	\$0	\$0	\$0
Other Non-Operating Revenues	\$153,366	\$0	\$0	\$0	\$0	\$0
Proceeds from the issuance of debt	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenues & Financing Sources	\$62,129,130	\$64,530,805	\$67,260,310	\$68,932,729	\$71,415,147	\$73,960,585
<u>EXPENDITURES</u>						
Operating Expenditures						
Salaries and Wages	\$13,630,855	\$13,483,176	\$14,881,480	\$15,179,110	\$15,482,692	\$15,792,346
Other Employee Benefits	\$8,026,852	\$8,294,659	\$9,164,360	\$9,530,934	\$9,912,172	\$10,308,659
Professional Services Contracts	\$3,392,542	\$3,339,047	\$4,272,500	\$4,357,950	\$4,445,109	\$4,534,011
Supplies and Materials	\$4,669,649	\$4,399,144	\$5,330,420	\$5,490,333	\$5,655,043	\$5,824,694
Other Operating Expenditures	\$29,448,005	\$30,758,461	\$13,362,885	\$13,630,143	\$13,902,746	\$14,180,800
Nonoperating Expenditures						
Payment of principal on bonds and financing arrangements	\$3,935,872	\$3,485,214	\$3,925,337	\$4,063,783	\$4,687,240	\$5,190,696
Interest and other financing charges	\$7,812,611	\$7,676,875	\$7,531,253	\$7,384,845	\$7,246,754	\$7,068,282
Subsidies to other public authorities	\$0	\$0	\$0	\$0	\$0	\$0
Capital asset outlay	\$18,513,689	\$14,258,853	\$8,783,500	\$15,893,000	\$17,714,000	\$16,630,000
Grants and Donations	\$0	\$0	\$0	\$0	\$0	\$0
Other Non-Operating Expenditures	\$125,171	\$100,000	\$0	\$0	\$0	\$0
Total Expenditures	\$89,555,246	\$85,795,429	\$67,251,735	\$75,530,098	\$79,045,756	\$79,529,488
Capital Contributions	\$2,217,473	\$2,100,000	\$0	\$3,500,000	\$3,500,000	\$3,500,000
Excess (deficiency) of revenues and capital contributions over expenditures	(\$25,208,643)	(\$19,164,624)	\$8,575	(\$3,097,369)	(\$4,130,609)	(\$2,068,903)

The authority's budget, as presented to the Board of Directors, is posted on the following website:

<http://mcwa.com/Governance/AnnualBudgetReport.aspx>

TOTALS - 2016 CAPITAL PROJECT BUDGET

	Budget 2015	2016	2017	2018	2019	2020	2021
<u>Renewal & Replacement</u>							
Production/Transmission	1,045,000	1,150,000	3,080,000	3,050,000	1,400,000	1,100,000	1,100,000
Engineering	7,500,000	7,400,000	7,700,000	7,440,000	6,650,000	7,290,000	7,350,000
Facilities, Fleet & Operations	1,585,000	1,062,500	1,919,000	1,619,000	1,619,000	1,619,000	1,619,000
Finance & Business Services	2,421,000	2,171,000	2,694,000	2,355,000	2,441,000	2,731,000	2,480,000
	12,551,000	11,783,500	15,393,000	14,464,000	12,110,000	12,740,000	12,549,000
Less Funding from New Construction Fund	(3,000,000)	(3,000,000)					
Less Funding from Richmond Capital Surcharge	(250,000)	-					
	9,301,000	8,783,500	15,393,000	14,464,000	12,110,000	12,740,000	12,549,000
<u>Capital Improvement</u>							
Production/Transmission	100,000	225,000	100,000	100,000	100,000	110,000	100,000
Engineering	450,000	850,000	400,000	3,150,000	4,420,000	6,400,000	400,000
Facilities, Fleet & Operations	-	45,000	-	-	-	-	-
Finance & Business Services	75,000	-	-	-	-	-	-
	625,000	1,120,000	500,000	3,250,000	4,520,000	6,510,000	500,000
Less Funding from CI Fund Balance	-	(1,120,000)					
Less Funding from New Construction Fund		-	-				
	625,000	-	500,000	3,250,000	4,520,000	6,510,000	500,000
<u>Total Cash Capital</u>	9,926,000	8,783,500	15,893,000	17,714,000	16,630,000	19,250,000	13,049,000
Subordinated Indebtedness(County Lease)	640,750	619,700	585,973	341,449	340,617	-	-
Water Revenue Debt Service (net of subsidies)	8,578,940	9,034,180	9,059,946	9,789,836	10,148,211	9,056,363	9,055,378
<u>Total Debt Service</u>	9,219,690	9,653,880	9,645,919	10,131,285	10,488,828	9,056,363	9,055,378
<u>Total Capital Expenditures</u>	19,145,690	18,437,380	25,538,919	27,845,285	27,118,828	28,306,363	22,104,378

Monroe County Water Authority
2016 B U D G E T

Date : 10/13/15

MCWA

TOTALS

Acct	Account Title	2016 Budget Submission	2015 Budget	%	Change	2015 To Date As of 09/30	2014 Actual
01	WAGES - Regular Labor	15541290	14958150	4	583140	10367102	14181368
02	WAGES - OT Labor	658710	731750	-10	-73040	617462	764148
03	WAGES - Temporary Help	0	0	0	0	15794	45779
	*** GROSS LABOR ***	16200000	15689900	3	510100	11000358	14991295
05	LABOR TRANSFER OUT TO OTHER CC	-886500	-1006000	-12	119500	-846419	-1286410
06	LABOR TRANSFER OUT TO CONSTR	-1318520	-1569200	-16	250680	-887992	-1360454
07	LABOR TRANSFER IN FRM OTHER CC	886500	1006000	-12	-119500	846420	1286410
	*** NET LABOR ***	14881480	14120700	5	760780	10112367	13630841
10	FRINGE BENEFITS	10205990	9413950	8	792040	6598399	8504123
11	FRINGE TRANSFER OUT TO OTHR CC	-558500	-603600	-7	45100	-507837	-733872
12	FRINGE TRANSFER OUT TO CONSTR	-1041630	-1176900	-11	135270	-666027	-980263
13	FRINGE TRANSFER IN FRM OTHR CC	558500	603600	-7	-45100	507838	733869
	*** NET FRINGE BENEFITS ***	9164360	8237050	8	927310	5932373	7523857
	*** TOTAL LABOR ***	24045840	22357750	8	1688090	16044740	21154698
19	RETIREE BENEFITS	4788000	3149950	52	1638050	1099993	3266388
20	COBRA DENTAL	1980	2000	-1	-20	975	604
21	LEGAL SERVICES	510000	465000	10	45000	221117	511074
22	CONSULTANTS	901580	1033560	-13	-131980	498576	772362
23	MEDICAL SERVICES	31375	30175	4	1200	10545	28202
24	AUDIT, ACCOUNTING SERVICES	77000	100600	-23	-23600	64000	74950
25	SAFETY SERVICES	109440	106590	3	2850	30003	58936
26	SOFTWARE, LICENSES, FEES	146500	156000	-6	-9500	62394	132014
27	BANK SERVICES	206400	202800	2	3600	124502	209736
28	OTHER OUTSIDE SERVICES	2533515	2320120	9	213395	1566251	1784572
29	TRUSTEE SERVICES	12630	12630	0	0	11965	11635
30	FILTER MEDIA	6000	15000	-60	-9000	0	0
31	SUPPLIES, FORMS, & COPYING	363760	376405	-3	-12645	183947	286600
32	SMALL EQUIPMENT & TOOL PURCHASE	314340	325760	-4	-11420	150353	281487
33	POSTAGE & FREIGHT	566585	551815	3	14770	407572	517317
34	CHEMICALS	741720	746000	-1	-4280	436440	587021
35	UNIFORMS	37860	37860	0	0	13054	31842
36	SAFETY EQUIPMENT	115140	112140	3	3000	40681	91615
37	PURCHASED WATER	1485000	1462000	2	23000	981476	1378967
39	LANDSCAPING/ROW CLEARING	30000	24000	25	6000	9865	70937
40	CLAIMS MATERIALS/SERVICES	2800	2800	0	0	49	905
41	REPAIR MATERIALS - MAINS	1310640	1122800	17	187840	978883	1079971
42	MAINTENANCE CONTRACTS	2705710	2342635	15	363075	2845966	2822497
43	OUTSIDE REPAIRS/MAINT SERVICES	364220	333720	9	30500	154472	191294
44	REPAIRS/MAINTENANCE MATERIALS	45000	38400	17	6600	45195	44070

**Monroe County Water Authority
2016 B U D G E T**

Date : 10/13/15

MCWA

TOTALS

Acct	Account Title	2016 Budget Submission	2015 Budget	%	Change	2015 To Date As of 09/30	2014 Actual
45	REPAIRS/MAINTENANCE MATERIALS	85200	85200	0	0	46901	82615
46	REPAIRS/MAINT MATRL-CURB BOXES	61200	61200	0	0	32457	45336
48	REPAIRS/MAINT - VALVES & BOXES	88800	88800	0	0	57451	102134
49	EXTRAORDINARY MAINTENANCE	175000	155000	13	20000	134423	167993
51	TELEPHONE VOICE LINES	87920	86530	2	1390	59240	77549
52	DATA LINES	149280	122000	22	27280	70199	109836
53	LIGHT, HEAT, WATER & DISPOSAL	439860	484240	-9	-44380	198691	364278
54	INSURANCE	394000	388800	1	5200	253198	369515
55	POWER FOR PRODUCTION & DISTRIB.	4297000	4810200	-11	-513200	2392911	3550106
61	TRAINING & SEMINARS	116395	114455	2	1940	65147	73671
63	DUES & SUBSCRIPTIONS	86275	87615	-2	-1340	61030	68540
70	VEHICLE REPAIR/REPLCMNT PARTS	172000	172000	0	0	103908	167044
71	VEHICLE REPAIR MATERIALS	48000	48000	0	0	20018	50726
72	VEHICLE MAINTENANCE SUPPLIES	44960	38000	18	6960	34219	83593
73	GASOLINE & DIESEL	600000	750000	-20	-150000	311286	577296
79	VEHICLE CREDIT	-192000	-171000	12	-21000	-136989	-221614
85	INVENTORY / ADJUSTMENTS	0	0	0	0	5566	15475
88	DISTRICT LEASE EXPENSES	49490	50550	-2	-1060	8794	51427
92	CLAIMS EXPENSE	30000	50000	-40	-20000	23833	26995
93	UNCOLLECTABLE ACCOUNTS	24000	24000	0	0	31231	-6533
94	EFC BOND ADMIN FEE	18260	18770	-3	-510	18766	18420
97	RIGHT OF WAY CHARGES	29630	26390	12	3240	23615	26608
98	SPECIAL FEES & ASSESSMENTS	231020	224515	3	6505	226164	227451
99	MISCELLANEOUS	29320	25330	16	3990	15228	-33920
	*** OTHER O&M EXPENSES ***	24472805	22811355	7	1661450	13995561	20229537
	*** NET O&M EXPENSES ***	48518645	45169105	7	3349540	30040301	41384235

Monroe County Water Authority
Statement of Revenues

PC as of DEC 31 2015

	Actual	Budget	Variance Favor. (Unfav.)
Operating Revenues:			
Water Sales - Residential	\$ 48,987,080	\$ 51,796,840	(\$ 2,809,760)
Water Sales - Industrial/Commercial	5,308,210	5,610,620	(302,410)
Water Sales - Water Districts	2,829,712	2,705,410	124,302
Other Water Revenue	4,116,147	3,902,500	213,647
Other Operating Revenue	740,884	514,996	225,888
	<u>\$ 61,982,033</u>	<u>\$ 64,530,366</u>	<u>(\$ 2,548,333)</u>
Operating Expenses:			
Administration	7,447,012	7,200,645	(246,367)
Production	12,138,172	15,033,415	2,895,243
Engineering Design & Construction	3,623,256	3,858,105	234,849
Facilities, Fleet & Operations	13,111,585	12,251,515	(860,070)
Business Services	6,145,506	6,825,425	679,919
	<u>\$ 42,465,531</u>	<u>\$ 45,169,105</u>	<u>\$ 2,703,574</u>
Other Expenses	556,444	556,444	0
	<u>\$ 18,960,058</u>	<u>\$ 18,804,817</u>	<u>\$ 155,241</u>
NET REVENUES FOR DEBT SERVICE			
Deduct:			
Interest Expense on Water Revenue Bonds	7,516,100	7,591,836	75,736
Interest Expense on County Lease - Net	94,227	94,227	0
Bond Exp & Def Amt of Refund	21,204	21,204	0
Depreciation and Amortization	16,526,341	17,049,588	523,247
	<u>\$ 24,157,872</u>	<u>\$ 24,756,855</u>	<u>\$ 598,983</u>
REVENUES (LOSS) FROM OPERATIONS	<u>(\$ 5,197,814)</u>	<u>(\$ 5,952,038)</u>	<u>\$ 754,224</u>
Add (Deduct):			
Interest on Investments-Local	34,762	40,000	(5,238)
Interest on Investments-Trustee	63,332	38,400	24,932
Gain (Loss) on Disposal of Assets	(200,389)	0	(200,389)
Other Non-Operating Income	5,637,226	2,493,016	3,144,210
Extraordinary Expense	0	0	0
Unrealized Gain (Loss) on Investment	17,847	0	17,847
Realized Gain (Loss) on Investment	0	0	0
	<u>\$ 5,552,778</u>	<u>\$ 2,571,416</u>	<u>\$ 2,981,362</u>
REVENUES (LOSS) IN FACILITIES YTD	<u>\$ 354,964</u>	<u>(\$ 3,380,622)</u>	<u>\$ 3,735,586</u>

WATER REVENUE BONDS DEBT SERVICE REQUIREMENT TO MATURITY

As of December 31, 2015

1993 Series B				2007 Series*		2010 Series		2010 A Series		2010 B Series		2012 Series		2013 Series		
Year	Interest	Maturity		Interest	Maturity	Interest	Maturity	Interest	Maturity	Interest	Maturity	Interest	Maturity	Interest	Maturity	Total
2016	\$ 43,313	\$ 825,000	\$	484,906	\$ 570,000	\$ 392,060	\$ 1,015,000	\$ 63,400	\$ 335,000	\$ 5,722,886	\$ -	\$ 262,787	\$ 170,000	\$ 482,536	\$ 470,000	\$ 10,836,888
2017				477,256	575,000	346,385	1,055,000	50,000	1,250,000	5,722,886	-	255,988	175,000	480,140	475,000	10,862,655
2018				475,136	585,000	293,635	830,000			5,722,886	2,300,000	248,988	180,000	476,900	480,000	11,592,545
2019				472,073	595,000	252,135	1,230,000			5,619,524	2,365,000	241,787	190,000	472,842	480,000	11,918,361
2020				465,034	600,000	190,635	205,000			5,508,512	2,440,000	234,187	195,000	468,176	485,000	10,791,544
2021				459,233	610,000	180,385	215,000			5,389,100	2,515,000	226,388	205,000	462,838	490,000	10,752,944
2022				457,076	615,000	172,860	225,000			5,260,988	2,600,000	216,138	215,000	456,786	500,000	10,718,848
2023				449,817	625,000	164,985	230,000			5,107,738	2,700,000	205,388	225,000	449,978	505,000	10,662,906
2024				443,663	635,000	156,475	240,000			4,948,600	2,805,000	194,138	235,000	442,778	515,000	10,615,654
2025				404,568	670,000	147,475	250,000			4,783,274	2,910,000	182,388	250,000	434,766	520,000	10,552,471
2026				370,614	700,000	137,788	260,000			4,611,758	3,020,000	169,888	260,000	426,612	530,000	10,486,660
2027				336,896	725,000	126,738	270,000			4,422,736	3,145,000	156,888	275,000	418,116	540,000	10,416,374
2028				353,049	765,000	115,263	280,000			4,225,892	3,270,000	143,138	290,000	409,196	550,000	10,401,538
2029				262,310	800,000	103,363	290,000			4,021,222	3,405,000	133,712	300,000	399,972	560,000	10,275,579
2030				232,017	835,000	91,038	305,000			3,808,102	3,545,000	123,962	305,000	390,392	565,000	10,200,511
2031				185,336	880,000	78,075	320,000			3,586,222	3,690,000	114,050	315,000	380,826	580,000	10,129,509
2032				148,656	925,000	63,675	330,000			3,352,312	3,840,000	103,812	325,000	370,878	590,000	10,049,333
2033				104,466	960,000	48,825	345,000			3,108,898	4,000,000	93,250	340,000	360,820	615,000	9,976,259
2034				58,483	1,015,000	33,300	360,000			2,855,334	4,165,000	76,250	355,000	332,450	650,000	9,900,817
2035				15,561	1,060,000	17,100	380,000			2,591,316	4,335,000	58,500	370,000	302,466	680,000	9,809,943
2036					1,115,000					2,316,520	4,515,000	40,000	390,000	271,098	715,000	9,362,618
2037										2,024,896	4,705,000	20,500	410,000	238,116	750,000	8,148,512
2038										1,721,000	4,900,000			203,518	785,000	7,609,518
2039										1,404,512	5,105,000			167,306	825,000	7,501,818
2040										1,074,776	5,320,000			128,588	865,000	7,388,364
2041										731,160	5,545,000			87,994	915,000	7,279,154
2042										373,010	5,775,000			45,054	960,000	7,153,064
	\$ 43,313	\$ 825,000	\$	6,656,150	\$ 15,860,000	\$ 3,112,193	\$ 8,635,000	\$ 113,400	\$ 1,585,000	\$ 100,016,060	\$ 92,915,000	\$ 3,502,127	\$ 5,975,000	\$ 9,561,142	\$ 16,595,000	\$ 265,394,385

* Interest amount reflects refunding benefit from 2015 EFC refunding

Principal Due as of 12/31/15 \$ 142,390,000
Interest Due as of 12/31/15 \$ 123,004,385

MONROE COUNTY WATER AUTHORITY OBLIGATIONS UNDER CAPITAL LEASE

As of December 31, 2015

MC 1996 Series A				MC 2008 Series C						
Refunding				Refunding						
Year	Interest		Maturity	Interest		Maturity	Total			
2016	\$	64,463	\$	275,337	\$	14,900	\$	265,000	\$	619,700
2017		47,390		293,783		4,800		240,000		585,973
2018		29,209		312,240						341,449
2019		9,921		330,696						340,617
	\$	150,983	\$	1,212,056	\$	19,700	\$	505,000	\$	1,887,739

Principal Due as of 12/31/15 \$ 1,717,056
Interest Due as of 12/31/15 \$ 170,683

Total Water Revenue Bonds & Capital Lease
Due as of 12/31/15 \$ 267,282,124

MONROE COUNTY WATER AUTHORITY
 SERIES 1993 WATER SYSTEM REVENUE REFUNDING BONDS
 SERIES B -- REFUNDING OF 1991 SERIES B

AG Edwards & Sons, Inc.
 INVESTMENT BANKING

 DEBT SERVICE SCHEDULE

DATE	PRINCIPAL	COUPON	INTEREST	PERIOD TOTAL	FISCAL TOTAL
2/ 1/94			207,408.93	207,408.93	
8/ 1/94	40,000.00	2.800000	224,901.25	264,901.25	472,310.18
2/ 1/95			224,341.25	224,341.25	
8/ 1/95	40,000.00	3.300000	224,341.25	264,341.25	488,682.50
2/ 1/96			223,681.25	223,681.25	
8/ 1/96	45,000.00	3.550000	223,681.25	268,681.25	492,362.50
2/ 1/97			222,882.50	222,882.50	
8/ 1/97	45,000.00	3.800000	222,882.50	267,882.50	490,765.00
2/ 1/98			222,027.50	222,027.50	
8/ 1/98	45,000.00	4.000000	222,027.50	267,027.50	489,055.00
2/ 1/99			221,127.50	221,127.50	
8/ 1/99	50,000.00	4.100000	221,127.50	271,127.50	492,255.00
2/ 1/ 0			220,102.50	220,102.50	
8/ 1/ 0	50,000.00	4.300000	220,102.50	270,102.50	490,205.00
2/ 1/ 1			219,027.50	219,027.50	
8/ 1/ 1	55,000.00	4.400000	219,027.50	274,027.50	493,055.00
2/ 1/ 2			217,817.50	217,817.50	
8/ 1/ 2	55,000.00	4.500000	217,817.50	272,817.50	490,635.00
2/ 1/ 3			216,580.00	216,580.00	
8/ 1/ 3	435,000.00	4.600000	216,580.00	651,580.00	868,160.00
2/ 1/ 4			206,575.00	206,575.00	
8/ 1/ 4	450,000.00	4.700000	206,575.00	656,575.00	863,150.00
2/ 1/ 5			196,000.00	196,000.00	
8/ 1/ 5	470,000.00	4.800000	196,000.00	666,000.00	862,000.00
2/ 1/ 6			184,720.00	184,720.00	
8/ 1/ 6	500,000.00	4.900000	184,720.00	684,720.00	869,440.00
2/ 1/ 7			172,470.00	172,470.00	
8/ 1/ 7	520,000.00	4.950000	172,470.00	692,470.00	864,940.00
2/ 1/ 8			159,600.00	159,600.00	
8/ 1/ 8	545,000.00	5.250000	159,600.00	704,600.00	864,200.00
2/ 1/ 9			145,293.75	145,293.75	
8/ 1/ 9	575,000.00	5.250000	145,293.75	720,293.75	865,587.50
2/ 1/10			130,200.00	130,200.00	
8/ 1/10	605,000.00	5.250000	130,200.00	735,200.00	865,400.00
2/ 1/11			114,318.75	114,318.75	
8/ 1/11	635,000.00	5.250000	114,318.75	749,318.75	863,637.50
2/ 1/12			97,650.00	97,650.00	
8/ 1/12	670,000.00	5.250000	97,650.00	767,650.00	865,300.00
2/ 1/13			80,062.50	80,062.50	
8/ 1/13	705,000.00	5.250000	80,062.50	785,062.50	865,125.00
2/ 1/14			61,556.25	61,556.25	
8/ 1/14	740,000.00	5.250000	61,556.25	801,556.25	863,112.50
2/ 1/15			42,131.25	42,131.25	
8/ 1/15	780,000.00	5.250000	42,131.25	822,131.25	864,262.50
2/ 1/16			21,656.25	21,656.25	
8/ 1/16	825,000.00	5.250000	21,656.25	846,656.25	868,312.50

PREPARED BY: A.G. Edwards & Sons, Inc.

RUNDATE: 08-18-1993 @ 12:02:55 FILENAME: MC KEY: 93R

ALL BOND FINANCED

NYS Environmental Facilities Corporation Series 2015D
Monroe County Water Authority 16511 (2007D)
Loan ID 4775

Date	Principal	Coupon	Interest	Less: Subsidy (1)	Less: Refunding Benefit (2)	Net Debt Service
09/01/2015	565,000.00	4.082%	379,198.18	90,896.00	60,609.57	792,692.61
03/01/2016			367,666.53	81,937.50	25,481.83	260,247.20
09/01/2016	570,000.00	4.132%	367,666.53	81,937.50	61,070.12	794,658.91
03/01/2017			355,890.33	72,724.08	22,269.16	260,897.09
09/01/2017	575,000.00	4.182%	355,890.33	72,724.08	66,807.62	791,358.63
03/01/2018			343,867.08	63,255.75	21,515.70	259,095.63
09/01/2018	585,000.00	4.277%	343,867.08	63,255.75	64,570.85	801,040.48
03/01/2019			331,356.85	53,496.08	21,168.15	256,692.62
09/01/2019	595,000.00	4.382%	331,356.85	53,496.08	62,480.85	810,379.92
03/01/2020			318,320.40	43,445.08	20,855.31	254,020.01
09/01/2020	600,000.00	4.390%	318,320.40	43,445.08	63,861.80	811,013.52
03/01/2021			305,150.40	33,102.75	19,217.04	252,830.61
09/01/2021	610,000.00	4.501%	305,150.40	33,102.75	65,645.16	816,402.49
03/01/2022			291,422.35	22,432.67	17,554.61	251,435.07
09/01/2022	615,000.00	4.546%	291,422.35	22,432.67	63,348.93	820,640.75
03/01/2023			277,443.40	11,398.42	17,117.33	248,927.65
09/01/2023	625,000.00	4.587%	277,443.40	11,398.42	65,155.86	825,889.12
03/01/2024			263,109.03		15,494.05	247,614.98
09/01/2024	635,000.00	4.623%	263,109.03		67,060.66	831,048.37
03/01/2025			248,431.00		14,974.45	233,456.55
09/01/2025	670,000.00	4.684%	248,431.00		77,319.09	841,111.91
03/01/2026			232,739.60		17,774.15	214,965.45
09/01/2026	700,000.00	4.684%	232,739.60		77,090.84	855,648.76
03/01/2027			216,345.60		14,907.56	201,438.04
09/01/2027	725,000.00	4.684%	216,345.60		80,886.71	860,458.89
03/01/2028			199,366.10		13,210.58	186,155.52
09/01/2028	765,000.00	4.754%	199,366.10		32,472.67	931,893.43
03/01/2029			181,182.05		67,472.67	113,709.38
09/01/2029	800,000.00	4.754%	181,182.05		32,581.67	948,600.38
03/01/2030			162,166.05		67,581.67	94,584.38
09/01/2030	835,000.00	4.754%	162,166.05		24,733.72	972,432.33
03/01/2031			142,318.10		74,733.72	67,584.38
09/01/2031	880,000.00	4.754%	142,318.10		24,566.12	997,751.98
03/01/2032			121,400.50		69,566.12	51,834.38
09/01/2032	925,000.00	4.754%	121,400.50		24,578.87	1,021,821.63
03/01/2033			99,413.25		74,578.87	24,834.38
09/01/2033	960,000.00	4.791%	99,413.25		19,782.07	1,039,631.18
03/01/2034			76,416.45		76,416.45	
09/01/2034	1,015,000.00	4.791%	76,416.45		17,933.37	1,073,483.08
03/01/2035			52,102.13		52,102.13	
09/01/2035	1,060,000.00	4.791%	52,102.13		36,541.07	1,075,561.06
03/01/2036			26,709.83		26,709.83	
09/01/2036	1,115,000.00	4.791%	26,709.83		26,709.83	1,115,000.00
09/02/2036					25,655.79	-25,655.79
	16,425,000.00		9,604,832.24	854,480.66	1,892,164.62	23,283,186.96

Notes:

(1) Application of Subsidy Credit is pursuant to Sections 3.1 (C) and 3.1 (D) of the Project Finance Agreement. Failure of Recipient to fulfill the terms of the Project Finance Agreement may result in reduction or elimination of the Subsidy Credit.

Subsidy Credit for Refunding Recipients is calculated based on Corpus or Reserve Allocation percentage of Existing Agreement.

(2) In the event that the Benefit of the Refunding exceeds the interest payable on any specific payment date, the difference will be credited on a later payment date or dates. Should there be excess Benefits of the Refunding remaining after the final maturity and full repayment, such excess will be remitted to the Recipient by the Corporation.



Monroe County Water Authority**Water System Revenue Bonds, Series 2010****Tax-Exempt, New Money - Level Debt Service****Debt Service Schedule**

Part 1 of 2

Date	Principal	Coupon	Interest	Total P+I
08/01/2010	1,885,000.00	2.000%	192,864.32	2,077,864.32
02/01/2011	-	-	288,367.50	288,367.50
08/01/2011	2,080,000.00	2.500%	288,367.50	2,368,367.50
02/01/2012	-	-	262,367.50	262,367.50
08/01/2012	890,000.00	3.000%	262,367.50	1,152,367.50
02/01/2013	-	-	249,017.50	249,017.50
08/01/2013	910,000.00	3.250%	249,017.50	1,159,017.50
02/01/2014	-	-	234,230.00	234,230.00
08/01/2014	930,000.00	4.000%	234,230.00	1,164,230.00
02/01/2015	-	-	215,630.00	215,630.00
08/01/2015	980,000.00	4.000%	215,630.00	1,195,630.00
02/01/2016	-	-	196,030.00	196,030.00
08/01/2016	1,015,000.00	4.500%	196,030.00	1,211,030.00
02/01/2017	-	-	173,192.50	173,192.50
08/01/2017	1,055,000.00	5.000%	173,192.50	1,228,192.50
02/01/2018	-	-	146,817.50	146,817.50
08/01/2018	830,000.00	5.000%	146,817.50	976,817.50
02/01/2019	-	-	126,067.50	126,067.50
08/01/2019	1,230,000.00	5.000%	126,067.50	1,356,067.50
02/01/2020	-	-	95,317.50	95,317.50
08/01/2020	205,000.00	5.000%	95,317.50	300,317.50
02/01/2021	-	-	90,192.50	90,192.50
08/01/2021	215,000.00	3.500%	90,192.50	305,192.50
02/01/2022	-	-	86,430.00	86,430.00
08/01/2022	225,000.00	3.500%	86,430.00	311,430.00
02/01/2023	-	-	82,492.50	82,492.50
08/01/2023	230,000.00	3.700%	82,492.50	312,492.50
02/01/2024	-	-	78,237.50	78,237.50
08/01/2024	240,000.00	3.750%	78,237.50	318,237.50
02/01/2025	-	-	73,737.50	73,737.50
08/01/2025	250,000.00	3.875%	73,737.50	323,737.50
02/01/2026	-	-	68,893.75	68,893.75
08/01/2026	260,000.00	4.250%	68,893.75	328,893.75
02/01/2027	-	-	63,368.75	63,368.75
08/01/2027	270,000.00	4.250%	63,368.75	333,368.75
02/01/2028	-	-	57,631.25	57,631.25
08/01/2028	280,000.00	4.250%	57,631.25	337,631.25
02/01/2029	-	-	51,681.25	51,681.25
08/01/2029	290,000.00	4.250%	51,681.25	341,681.25
02/01/2030	-	-	45,518.75	45,518.75
08/01/2030	305,000.00	4.250%	45,518.75	350,518.75
02/01/2031	-	-	39,037.50	39,037.50
08/01/2031	320,000.00	4.500%	39,037.50	359,037.50
02/01/2032	-	-	31,837.50	31,837.50

Monroe County Water Authority

Water System Revenue Bonds, Series 2010

Tax-Exempt, New Money - Level Debt Service

Debt Service Schedule

Part 2 of 2

Date	Principal	Coupon	Interest	Total P+I
08/01/2032	330,000.00	4.500%	31,837.50	361,837.50
02/01/2033	-	-	24,412.50	24,412.50
08/01/2033	345,000.00	4.500%	24,412.50	369,412.50
02/01/2034	-	-	16,650.00	16,650.00
08/01/2034	360,000.00	4.500%	16,650.00	376,650.00
02/01/2035	-	-	8,550.00	8,550.00
08/01/2035	380,000.00	4.500%	8,550.00	388,550.00
Total	\$16,310,000.00	-	\$5,804,281.82	\$22,114,281.82

Yield Statistics

Bond Year Dollars	\$134,184.53
Average Life	8.227 Years
Average Coupon	4.3255969%

Net Interest Cost (NIC)	3.8032614%
True Interest Cost (TIC)	3.6354450%
Bond Yield for Arbitrage Purposes	3.5017832%
All Inclusive Cost (AIC)	3.8059793%

IRS Form 8038

Net Interest Cost	3.5694812%
Weighted Average Maturity	8.093 Years

Monroe County Water Authority
Water Revenue Bonds, Series 2010A and 2010B
East Side Water Supply Project

Debt Service Schedule - Series 2010A (Tax-Exempt Bonds)

Date	Principal	Coupon	Interest	Debt Service	Debt Service (Annual)	Capitalized Interest	Federal BAB Subsidy	Net Debt Service	Net Debt Service (Annual)
12/31/10	-	-	-	-	-	-	-	-	-
02/01/11	-	-	7,044.44	7,044.44	-	-	-	7,044.44	-
08/01/11	-	-	31,700.00	31,700.00	38,744.44	(8,563.06)	-	25,136.94	32,181.38
02/01/12	-	-	31,700.00	31,700.00	-	(17,455.73)	-	14,244.27	-
08/01/12	-	-	31,700.00	31,700.00	63,400.00	(17,455.73)	-	14,244.27	28,488.54
02/01/13	-	-	31,700.00	31,700.00	-	(1,279.72)	-	30,420.28	-
08/01/13	-	-	31,700.00	31,700.00	63,400.00	-	-	31,700.00	62,120.28
02/01/14	-	-	31,700.00	31,700.00	-	-	-	31,700.00	-
08/01/14	-	-	31,700.00	31,700.00	63,400.00	-	-	31,700.00	63,400.00
02/01/15	-	-	31,700.00	31,700.00	-	-	-	31,700.00	-
08/01/15	-	-	31,700.00	31,700.00	63,400.00	-	-	31,700.00	63,400.00
02/01/16	-	-	31,700.00	31,700.00	-	-	-	31,700.00	-
08/01/16	335,000.00	4.000%	31,700.00	366,700.00	398,400.00	-	-	366,700.00	398,400.00
02/01/17	-	-	25,000.00	25,000.00	-	-	-	25,000.00	-
08/01/17	1,250,000.00	4.000%	25,000.00	1,275,000.00	1,300,000.00	-	-	1,275,000.00	1,300,000.00
02/01/18	-	-	-	-	-	-	-	-	-
08/01/18	-	-	-	-	-	-	-	-	-
02/01/19	-	-	-	-	-	-	-	-	-
08/01/19	-	-	-	-	-	-	-	-	-
02/01/20	-	-	-	-	-	-	-	-	-
08/01/20	-	-	-	-	-	-	-	-	-
02/01/21	-	-	-	-	-	-	-	-	-
08/01/21	-	-	-	-	-	-	-	-	-
02/01/22	-	-	-	-	-	-	-	-	-
08/01/22	-	-	-	-	-	-	-	-	-
02/01/23	-	-	-	-	-	-	-	-	-
08/01/23	-	-	-	-	-	-	-	-	-
02/01/24	-	-	-	-	-	-	-	-	-
08/01/24	-	-	-	-	-	-	-	-	-
02/01/25	-	-	-	-	-	-	-	-	-
08/01/25	-	-	-	-	-	-	-	-	-
02/01/26	-	-	-	-	-	-	-	-	-
08/01/26	-	-	-	-	-	-	-	-	-
02/01/27	-	-	-	-	-	-	-	-	-
08/01/27	-	-	-	-	-	-	-	-	-
02/01/28	-	-	-	-	-	-	-	-	-
08/01/28	-	-	-	-	-	-	-	-	-
02/01/29	-	-	-	-	-	-	-	-	-
08/01/29	-	-	-	-	-	-	-	-	-
02/01/30	-	-	-	-	-	-	-	-	-
08/01/30	-	-	-	-	-	-	-	-	-
02/01/31	-	-	-	-	-	-	-	-	-
08/01/31	-	-	-	-	-	-	-	-	-
02/01/32	-	-	-	-	-	-	-	-	-
08/01/32	-	-	-	-	-	-	-	-	-
02/01/33	-	-	-	-	-	-	-	-	-
08/01/33	-	-	-	-	-	-	-	-	-
02/01/34	-	-	-	-	-	-	-	-	-
08/01/34	-	-	-	-	-	-	-	-	-
02/01/35	-	-	-	-	-	-	-	-	-
08/01/35	-	-	-	-	-	-	-	-	-
02/01/36	-	-	-	-	-	-	-	-	-
08/01/36	-	-	-	-	-	-	-	-	-
02/01/37	-	-	-	-	-	-	-	-	-
08/01/37	-	-	-	-	-	-	-	-	-
02/01/38	-	-	-	-	-	-	-	-	-
08/01/38	-	-	-	-	-	-	-	-	-
02/01/39	-	-	-	-	-	-	-	-	-
08/01/39	-	-	-	-	-	-	-	-	-
02/01/40	-	-	-	-	-	-	-	-	-
08/01/40	-	-	-	-	-	-	-	-	-
02/01/41	-	-	-	-	-	-	-	-	-
08/01/41	-	-	-	-	-	-	-	-	-
02/01/42	-	-	-	-	-	-	-	-	-
08/01/42	-	-	-	-	-	-	-	-	-
Total	1,585,000.00		403,744.44	1,990,744.44	1,990,744.44	(42,734.24)	-	1,947,990.20	1,947,990.20

Monroe County Water Authority
Water Revenue Bonds, Series 2010A and 2010B
East Side Water Supply Project

Debt Service Schedule - Series 2010B (Taxable Build America Bonds)

Date	Principal	Coupon	Interest	Debt Service	Debt Service (Annual)	Capitalized Interest	Federal BAB Subsidy	Net Debt Service	Net Debt Service (Annual)
12/21/10	-	-	-	-	-	-	-	-	-
02/01/11	-	-	635,876.24	635,876.24	-	-	(222,556.68)	413,319.56	-
08/01/11	-	-	2,861,443.10	2,861,443.10	3,497,319.34	(385,074.96)	(1,001,505.08)	1,474,863.06	1,888,182.62
02/01/12	-	-	2,861,443.10	2,861,443.10	-	(1,024,182.29)	(1,001,505.08)	835,755.73	-
08/01/12	-	-	2,861,443.10	2,861,443.10	5,722,886.20	(1,024,182.29)	(1,001,505.08)	835,755.73	1,671,511.46
02/01/13	-	-	2,861,443.10	2,861,443.10	-	(75,085.30)	(1,001,505.08)	1,784,852.72	-
08/01/13	-	-	2,861,443.10	2,861,443.10	5,722,886.20	-	(1,001,505.08)	1,859,938.02	3,644,790.74
02/01/14	-	-	2,861,443.10	2,861,443.10	-	-	(1,001,505.08)	1,859,938.02	-
08/01/14	-	-	2,861,443.10	2,861,443.10	5,722,886.20	-	(1,001,505.08)	1,859,938.02	3,719,876.04
02/01/15	-	-	2,861,443.10	2,861,443.10	-	-	(1,001,505.08)	1,859,938.02	-
08/01/15	-	-	2,861,443.10	2,861,443.10	5,722,886.20	-	(1,001,505.08)	1,859,938.02	3,719,876.04
02/01/16	-	-	2,861,443.10	2,861,443.10	-	-	(1,001,505.08)	1,859,938.02	-
08/01/16	-	-	2,861,443.10	2,861,443.10	5,722,886.20	-	(1,001,505.08)	1,859,938.02	3,719,876.04
02/01/17	-	-	2,861,443.10	2,861,443.10	-	-	(1,001,505.08)	1,859,938.02	-
08/01/17	-	-	2,861,443.10	2,861,443.10	5,722,886.20	-	(1,001,505.08)	1,859,938.02	3,719,876.04
02/01/18	-	-	2,861,443.10	2,861,443.10	-	-	(1,001,505.08)	1,859,938.02	-
08/01/18	2,300,000.00	4.494%	2,861,443.10	5,161,443.10	8,022,886.20	-	(1,001,505.08)	4,159,938.02	6,019,876.04
02/01/19	-	-	2,809,762.10	2,809,762.10	-	-	(983,416.73)	1,826,345.37	-
08/01/19	2,365,000.00	4.694%	2,809,762.10	5,174,762.10	7,984,524.20	-	(983,416.73)	4,191,345.37	6,017,690.74
02/01/20	-	-	2,754,255.55	2,754,255.55	-	-	(963,989.44)	1,790,266.11	-
08/01/20	2,440,000.00	4.894%	2,754,255.55	5,194,255.55	7,948,511.10	-	(963,989.44)	4,230,266.11	6,020,532.22
02/01/21	-	-	2,694,548.75	2,694,548.75	-	-	(943,092.06)	1,751,456.69	-
08/01/21	2,515,000.00	5.094%	2,694,548.75	5,209,548.75	7,904,097.50	-	(943,092.06)	4,266,456.69	6,017,913.38
02/01/22	-	-	2,630,491.70	2,630,491.70	-	-	(920,872.09)	1,709,819.61	-
08/01/22	2,600,000.00	5.894%	2,630,491.70	5,230,491.70	7,860,983.40	-	(920,872.09)	4,309,819.61	6,019,639.22
02/01/23	-	-	2,553,869.70	2,553,869.70	-	-	(893,854.39)	1,660,015.31	-
08/01/23	2,700,000.00	5.894%	2,553,869.70	5,253,869.70	7,807,739.40	-	(893,854.39)	4,360,015.31	6,020,030.62
02/01/24	-	-	2,474,300.70	2,474,300.70	-	-	(866,005.24)	1,608,295.46	-
08/01/24	2,805,000.00	5.894%	2,474,300.70	5,279,300.70	7,753,601.40	-	(866,005.24)	4,413,295.46	6,021,590.92
02/01/25	-	-	2,391,637.35	2,391,637.35	-	-	(837,073.07)	1,554,564.28	-
08/01/25	2,910,000.00	5.894%	2,391,637.35	5,301,637.35	7,693,274.70	-	(837,073.07)	4,464,564.28	6,019,128.56
02/01/26	-	-	2,305,879.65	2,305,879.65	-	-	(807,057.88)	1,498,821.77	-
08/01/26	3,020,000.00	6.259%	2,305,879.65	5,325,879.65	7,631,759.30	-	(807,057.88)	4,518,821.77	6,017,643.54
02/01/27	-	-	2,211,368.75	2,211,368.75	-	-	(773,979.06)	1,437,389.69	-
08/01/27	3,145,000.00	6.259%	2,211,368.75	5,356,368.75	7,567,737.50	-	(773,979.06)	4,582,389.69	6,019,779.38
02/01/28	-	-	2,112,945.97	2,112,945.97	-	-	(739,531.09)	1,373,414.88	-
08/01/28	3,270,000.00	6.259%	2,112,945.97	5,382,945.97	7,495,891.94	-	(739,531.09)	4,643,414.88	6,016,829.76
02/01/29	-	-	2,010,611.32	2,010,611.32	-	-	(703,713.96)	1,306,897.36	-
08/01/29	3,405,000.00	6.259%	2,010,611.32	5,415,611.32	7,426,222.64	-	(703,713.96)	4,711,897.36	6,018,794.72
02/01/30	-	-	1,904,051.84	1,904,051.84	-	-	(668,418.14)	1,237,633.70	-
08/01/30	3,545,000.00	6.259%	1,904,051.84	5,449,051.84	7,353,103.68	-	(668,418.14)	4,782,633.70	6,020,267.40
02/01/31	-	-	1,793,111.06	1,793,111.06	-	-	(627,588.87)	1,165,522.19	-
08/01/31	3,690,000.00	6.339%	1,793,111.06	5,483,111.06	7,276,222.12	-	(627,588.87)	4,855,522.19	6,021,044.38
02/01/32	-	-	1,676,156.51	1,676,156.51	-	-	(586,654.78)	1,089,501.73	-
08/01/32	3,840,000.00	6.339%	1,676,156.51	5,516,156.51	7,192,313.02	-	(586,654.78)	4,929,501.73	6,019,003.46
02/01/33	-	-	1,554,447.71	1,554,447.71	-	-	(544,056.70)	1,010,391.01	-
08/01/33	4,000,000.00	6.339%	1,554,447.71	5,554,447.71	7,108,895.42	-	(544,056.70)	5,010,391.01	6,020,782.02
02/01/34	-	-	1,427,667.71	1,427,667.71	-	-	(499,683.70)	927,984.01	-
08/01/34	4,165,000.00	6.339%	1,427,667.71	5,592,667.71	7,020,335.42	-	(499,683.70)	5,092,984.01	6,020,968.02
02/01/35	-	-	1,295,658.03	1,295,658.03	-	-	(453,480.31)	842,177.72	-
08/01/35	4,335,000.00	6.339%	1,295,658.03	5,630,658.03	6,926,316.06	-	(453,480.31)	5,177,177.72	6,019,355.44
02/01/36	-	-	1,158,260.20	1,158,260.20	-	-	(405,391.07)	752,869.13	-
08/01/36	4,515,000.00	6.459%	1,158,260.20	5,673,260.20	6,831,520.40	-	(405,391.07)	5,267,869.13	6,020,738.26
02/01/37	-	-	1,012,448.27	1,012,448.27	-	-	(354,356.89)	658,091.38	-
08/01/37	4,705,000.00	6.459%	1,012,448.27	5,717,448.27	6,729,896.54	-	(354,356.89)	5,363,091.38	6,021,182.76
02/01/38	-	-	860,500.29	860,500.29	-	-	(301,175.10)	559,325.19	-
08/01/38	4,900,000.00	6.459%	860,500.29	5,760,500.29	6,621,000.58	-	(301,175.10)	5,459,325.19	6,018,650.38
02/01/39	-	-	702,254.79	702,254.79	-	-	(245,789.18)	456,465.61	-
08/01/39	5,105,000.00	6.459%	702,254.79	5,807,254.79	6,509,509.58	-	(245,789.18)	5,561,465.61	6,017,931.22
02/01/40	-	-	537,388.81	537,388.81	-	-	(188,086.08)	349,302.73	-
08/01/40	5,320,000.00	6.459%	537,388.81	5,857,388.81	6,394,777.62	-	(188,086.08)	5,669,302.73	6,018,605.46
02/01/41	-	-	365,579.41	365,579.41	-	-	(127,952.79)	237,626.62	-
08/01/41	5,545,000.00	6.459%	365,579.41	5,910,579.41	6,276,158.82	-	(127,952.79)	5,782,626.62	6,020,253.24
02/01/42	-	-	186,503.63	186,503.63	-	-	(65,276.27)	121,227.36	-
08/01/42	5,775,000.00	6.459%	186,503.63	5,961,503.63	6,148,007.26	-	(65,276.27)	5,896,227.36	6,017,454.72
Total	92,915,000.00		126,404,922.34	219,319,922.34	219,319,922.34	(2,508,524.84)	(44,241,722.66)	172,569,674.84	172,569,674.84

BOND DEBT SERVICE

Monroe County Water Authority (New York)
Water System Revenue Bonds, Series 2012

Dated Date 12/21/2012
Delivery Date 12/21/2012

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service	Bond Balance	Total Bond Value
12/21/2012						6,290,000	6,290,000
08/01/2013			167,345.14	167,345.14	167,345.14	6,290,000	6,290,000
02/01/2014			136,918.75	136,918.75		6,290,000	6,290,000
08/01/2014	155,000	3.000%	136,918.75	291,918.75	428,837.50	6,135,000	6,135,000
02/01/2015			134,593.75	134,593.75		6,135,000	6,135,000
08/01/2015	160,000	4.000%	134,593.75	294,593.75	429,187.50	5,975,000	5,975,000
02/01/2016			131,393.75	131,393.75		5,975,000	5,975,000
08/01/2016	170,000	4.000%	131,393.75	301,393.75	432,787.50	5,805,000	5,805,000
02/01/2017			127,993.75	127,993.75		5,805,000	5,805,000
08/01/2017	175,000	4.000%	127,993.75	302,993.75	430,987.50	5,630,000	5,630,000
02/01/2018			124,493.75	124,493.75		5,630,000	5,630,000
08/01/2018	180,000	4.000%	124,493.75	304,493.75	428,987.50	5,450,000	5,450,000
02/01/2019			120,893.75	120,893.75		5,450,000	5,450,000
08/01/2019	190,000	4.000%	120,893.75	310,893.75	431,787.50	5,260,000	5,260,000
02/01/2020			117,093.75	117,093.75		5,260,000	5,260,000
08/01/2020	195,000	4.000%	117,093.75	312,093.75	429,187.50	5,065,000	5,065,000
02/01/2021			113,193.75	113,193.75		5,065,000	5,065,000
08/01/2021	205,000	5.000%	113,193.75	318,193.75	431,387.50	4,860,000	4,860,000
02/01/2022			108,068.75	108,068.75		4,860,000	4,860,000
08/01/2022	215,000	5.000%	108,068.75	323,068.75	431,137.50	4,645,000	4,645,000
02/01/2023			102,693.75	102,693.75		4,645,000	4,645,000
08/01/2023	225,000	5.000%	102,693.75	327,693.75	430,387.50	4,420,000	4,420,000
02/01/2024			97,068.75	97,068.75		4,420,000	4,420,000
08/01/2024	235,000	5.000%	97,068.75	332,068.75	429,137.50	4,185,000	4,185,000
02/01/2025			91,193.75	91,193.75		4,185,000	4,185,000
08/01/2025	250,000	5.000%	91,193.75	341,193.75	432,387.50	3,935,000	3,935,000
02/01/2026			84,943.75	84,943.75		3,935,000	3,935,000
08/01/2026	260,000	5.000%	84,943.75	344,943.75	429,887.50	3,675,000	3,675,000
02/01/2027			78,443.75	78,443.75		3,675,000	3,675,000
08/01/2027	275,000	5.000%	78,443.75	353,443.75	431,887.50	3,400,000	3,400,000
02/01/2028			71,568.75	71,568.75		3,400,000	3,400,000
08/01/2028	290,000	3.250%	71,568.75	361,568.75	433,137.50	3,110,000	3,110,000
02/01/2029			66,856.25	66,856.25		3,110,000	3,110,000
08/01/2029	300,000	3.250%	66,856.25	366,856.25	433,712.50	2,810,000	2,810,000
02/01/2030			61,981.25	61,981.25		2,810,000	2,810,000
08/01/2030	305,000	3.250%	61,981.25	366,981.25	428,962.50	2,505,000	2,505,000
02/01/2031			57,025.00	57,025.00		2,505,000	2,505,000
08/01/2031	315,000	3.250%	57,025.00	372,025.00	429,050.00	2,190,000	2,190,000
02/01/2032			51,906.25	51,906.25		2,190,000	2,190,000
08/01/2032	325,000	3.250%	51,906.25	376,906.25	428,812.50	1,865,000	1,865,000
02/01/2033			46,625.00	46,625.00		1,865,000	1,865,000
08/01/2033	340,000	5.000%	46,625.00	386,625.00	433,250.00	1,525,000	1,525,000
02/01/2034			38,125.00	38,125.00		1,525,000	1,525,000
08/01/2034	355,000	5.000%	38,125.00	393,125.00	431,250.00	1,170,000	1,170,000
02/01/2035			29,250.00	29,250.00		1,170,000	1,170,000
08/01/2035	370,000	5.000%	29,250.00	399,250.00	428,500.00	800,000	800,000
02/01/2036			20,000.00	20,000.00		800,000	800,000
08/01/2036	390,000	5.000%	20,000.00	410,000.00	430,000.00	410,000	410,000
02/01/2037			10,250.00	10,250.00		410,000	410,000
08/01/2037	410,000	5.000%	10,250.00	420,250.00	430,500.00		
	6,290,000		4,212,495.14	10,502,495.14	10,502,495.14		

NOTICE OF TERMS - NET DEBT SERVICE SCHEDULE (1)

**NYS EFC Series 2013B
Monroe County Water Authority - Aggregate
Loan ID 4116**

Schedule A

Date	Principal	Coupon	Interest	Gross Debt Service	Less: Subsidy Credit (1)	Plus: Annual Administrative Fee (2)	Semi-Annual Net Debt Service	Annual Net Debt Service, Fiscal Year
11/01/2013	600,000.00	0.2000%	184,238.20	784,238.20	45,377.02		738,861.18	738,861.18
05/01/2014			321,369.66	321,369.66	79,032.97		242,336.69	
11/01/2014	465,000.00	0.3000%	321,369.66	786,369.66	79,032.97	18,420.00	725,756.69	968,093.38
05/01/2015			320,672.16	320,672.16	78,667.97		242,004.19	
11/01/2015	465,341.00	0.6700%	320,672.16	786,013.16	78,667.97	18,766.00	726,111.19	968,115.38
05/01/2016			319,113.28	319,113.28	77,845.86		241,267.42	
11/01/2016	470,000.00	1.0800%	319,113.28	789,113.28	77,845.86	18,253.00	729,520.42	970,787.84
05/01/2017			316,575.28	316,575.28	76,504.86		240,070.42	
11/01/2017	475,000.00	1.4400%	316,575.28	791,575.28	76,504.86	17,737.00	732,807.42	972,877.84
05/01/2018			313,155.28	313,155.28	74,704.86		238,450.42	
11/01/2018	480,000.00	1.7900%	313,155.28	793,155.28	74,704.86	17,214.00	735,664.42	974,114.84
05/01/2019			308,859.28	308,859.28	72,437.52		236,421.76	
11/01/2019	480,000.00	2.0900%	308,859.28	788,859.28	72,437.52	16,686.00	733,107.76	969,529.52
05/01/2020			303,843.28	303,843.28	69,755.35		234,087.93	
11/01/2020	485,000.00	2.3900%	303,843.28	788,843.28	69,755.35	16,158.00	735,245.93	969,333.86
05/01/2021			298,047.53	298,047.53	66,628.43		231,419.10	
11/01/2021	490,000.00	2.6900%	298,047.53	788,047.53	66,628.43	15,625.00	737,044.10	968,463.20
05/01/2022			291,457.03	291,457.03	63,064.18		228,392.85	
11/01/2022	500,000.00	2.9600%	291,457.03	791,457.03	63,064.18	15,085.00	743,477.85	971,870.70
05/01/2023			284,057.03	284,057.03	59,068.18		224,988.85	
11/01/2023	505,000.00	3.1530%	284,057.03	789,057.03	59,068.18	14,535.00	744,523.85	969,512.70
05/01/2024			276,095.70	276,095.70	54,706.52		221,389.18	
11/01/2024	515,000.00	3.4340%	276,095.70	791,095.70	54,706.52	13,979.00	750,368.18	971,757.36
05/01/2025			267,253.15	267,253.15	49,870.30		217,382.85	
11/01/2025	520,000.00	3.5200%	267,253.15	787,253.15	49,870.30	13,413.00	750,795.85	968,178.70
05/01/2026			258,101.15	258,101.15	44,795.62		213,305.53	
11/01/2026	530,000.00	3.6400%	258,101.15	788,101.15	44,795.62	12,841.00	756,146.53	969,452.06
05/01/2027			248,455.15	248,455.15	39,396.28		209,058.87	
11/01/2027	540,000.00	3.7700%	248,455.15	788,455.15	39,396.28	12,258.00	761,316.87	970,375.74
05/01/2028			238,276.16	238,276.16	33,678.44		204,597.72	
11/01/2028	550,000.00	3.8700%	238,276.16	788,276.16	33,678.44	11,664.00	766,261.72	970,859.44
05/01/2029			227,633.65	227,633.65	27,647.68		199,985.97	
11/01/2029	560,000.00	4.0200%	227,633.65	787,633.65	27,647.68	11,059.00	771,044.97	971,030.94
05/01/2030			216,377.65	216,377.65	21,182.17		195,195.48	
11/01/2030	565,000.00	4.0700%	216,377.65	781,377.65	21,182.17	10,443.00	770,638.48	965,833.96
05/01/2031			204,879.90	204,879.90	14,466.67		190,413.23	
11/01/2031	580,000.00	4.1450%	204,879.90	784,879.90	14,466.67	9,821.00	780,234.23	970,647.46
05/01/2032			192,859.40	192,859.40	7,420.17		185,439.23	
11/01/2032	590,000.00	4.2200%	192,859.40	782,859.40	7,420.17	9,183.00	784,622.23	970,061.46
05/01/2033			180,410.41	180,410.41			180,410.41	
11/01/2033	615,000.00	4.6130%	180,410.41	795,410.41		8,535.00	803,945.41	984,355.82
05/01/2034			166,225.43	166,225.43			166,225.43	
11/01/2034	650,000.00	4.6130%	166,225.43	816,225.43		7,859.00	824,084.43	990,309.86
05/01/2035			151,233.18	151,233.18			151,233.18	
11/01/2035	680,000.00	4.6130%	151,233.18	831,233.18		7,144.00	838,377.18	989,610.36
05/01/2036			135,548.98	135,548.98			135,548.98	
11/01/2036	715,000.00	4.6130%	135,548.98	850,548.98		6,396.00	856,944.98	992,493.96
05/01/2037			119,057.51	119,057.51			119,057.51	
11/01/2037	750,000.00	4.6130%	119,057.51	869,057.51		5,609.00	874,666.51	993,724.02
05/01/2038			101,758.76	101,758.76			101,758.76	
11/01/2038	785,000.00	4.6130%	101,758.76	886,758.76		4,784.00	891,542.76	993,301.52
05/01/2039			83,652.73	83,652.73			83,652.73	
11/01/2039	825,000.00	4.6930%	83,652.73	908,652.73		3,921.00	912,573.73	996,226.46
05/01/2040			64,294.10	64,294.10			64,294.10	
11/01/2040	865,000.00	4.6930%	64,294.10	929,294.10		3,014.00	932,308.10	996,602.20
05/01/2041			43,996.88	43,996.88			43,996.88	
11/01/2041	915,000.00	4.6930%	43,996.88	958,996.88		2,062.00	961,058.88	1,005,055.76
05/01/2042			22,526.41	22,526.41			22,526.41	
11/01/2042	960,000.00	4.6930%	22,526.41	982,526.41		1,055.00	983,581.41	1,006,107.82
	18,125,341.00		12,735,810.42	30,861,151.42	2,067,125.08	323,519.00	29,117,545.34	29,117,545.34

AMOUNT PAYABLE PURSUANT TO PARAGRAPH 4 OF NOTICE OF TERMS: 340,114.00

Notes:

(1) Application of Subsidy Credit is pursuant to Sections 3.1 (C) and 3.1 (D) of the Project Finance Agreement. Failure of Recipient to fulfill the terms of the Project Finance Agreement may result in reduction or elimination of the Subsidy Credit.

(2) The Annual Administrative Fee is due annually on July 15 commencing July 15, 2014.

The Administrative Fee rate is pursuant to the Project Finance Agreement.

Aggregate amounts may differ from totals due to rounding.

Capital Lease

County of Monroe 1996 A

<u>Date</u>	<u>Principal</u>	<u>Interest</u>	<u>Fiscal Year Debt Service</u>
03/01/97	167,166.00	61,561.62	
09/01/97		119,362.03	348,089.65
03/01/98	98,284.00	119,362.03	
09/01/98		117,150.62	334,796.65
03/01/99	103,257.00	117,150.62	
09/01/99		114,698.24	335,105.86
03/01/00	107,761.00	114,698.24	
09/01/00		112,004.23	334,463.47
03/01/01	113,746.00	112,004.23	
09/01/01		109,160.60	334,910.83
03/01/02	119,715.00	109,160.60	
09/01/02		106,018.06	334,893.66
03/01/03	127,211.00	106,018.06	
09/01/03		102,519.77	335,748.83
03/01/04	133,698.00	102,519.77	
09/01/04		98,843.05	335,060.82
03/01/05	140,664.00	98,843.05	
09/01/05		94,974.79	334,481.84
03/01/06	149,154.00	94,974.79	
09/01/06		90,873.09	335,001.88
03/01/07	161,612.00	90,873.09	
09/01/07		86,428.74	338,913.83
03/01/08	170,590.00	86,428.74	
09/01/08		81,311.03	338,329.77
03/01/09	181,056.00	81,311.03	
09/01/09		75,879.35	338,246.38
03/01/10	192,032.00	75,879.35	
09/01/10		70,958.55	338,869.90
03/01/11	203,018.00	70,958.55	
09/01/11		64,868.01	338,844.56
03/01/12	216,478.00	64,868.01	
09/01/12		58,373.67	339,719.68
03/01/13	229,943.00	58,373.67	
09/01/13		51,475.38	339,792.05
03/01/14	243,917.00	51,475.38	
09/01/14		44,157.87	339,550.25
03/01/15	259,873.00	44,157.87	
09/01/15		36,361.68	340,392.55
03/01/16	275,337.00	36,361.68	
09/01/16		28,101.57	339,800.25
03/01/17	293,783.00	28,101.57	
09/01/17		19,288.08	341,172.65
03/01/18	312,240.00	19,288.08	
09/01/18		9,920.88	341,448.96
03/01/19	<u>330,696.00</u>	<u>9,920.88</u>	
	4,331,231.00	3,447,020.20	<u>340,616.88</u> 7,778,251.20

Capital Lease

GENERAL OBLIGATION REFUNDING BONDS - 2008, SERIES C

2008 C Refunding

DATE	PRINCIPAL	INTEREST	TOTAL
8/1/2008	0.00	10,335.21	10,335.21
2/1/2009	295,000.00	44,293.75	339,293.75
8/1/2009	0.00	39,868.75	39,868.75
2/1/2010	300,000.00	39,868.75	339,868.75
8/1/2010	0.00	35,368.75	35,368.75
2/1/2011	300,000.00	35,368.77	335,368.77
8/1/2011	0.00	30,868.76	30,868.76
2/1/2012	320,000.00	30,868.76	350,868.76
8/1/2012	0.00	25,668.77	25,668.77
2/1/2013	295,000.00	25,668.77	320,668.77
8/1/2013	0.00	20,506.27	20,506.27
2/1/2014	280,000.00	20,506.27	300,506.27
8/1/2014	0.00	15,256.26	15,256.26
2/1/2015	275,000.00	15,256.26	290,256.26
8/1/2015	0.00	10,100.00	10,100.00
2/1/2016	265,000.00	10,100.00	275,100.00
8/1/2016	0.00	4,800.00	4,800.00
2/1/2017	240,000.00	4,800.00	244,800.00
	<hr/>	<hr/>	<hr/>
	2,570,000.00	419,504.10	2,989,504.10



MONROE COUNTY WATER AUTHORITY
P.O. Box 10999 • 475 Norris Drive • Rochester, New York 14610-0999
Phone: (585) 442-2000 Fax (585) 442-0220

February 1, 2016

**MANAGEMENT'S ASSESSMENT OF THE EFFECTIVENESS OF
INTERNAL CONTROL STRUCTURE AND PROCEDURES**

The Authority's internal control over operations and financial reporting includes policies and procedures that (a) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect transactions and dispositions of assets; (b) provide reasonable assurances that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures are being made only in accordance with authorization of the Members of the Authority; and (c) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of Authority assets that could have a material effect on the Authority's operations, financial statements and reports.

Because of its inherent limitations, internal control over operations and financial reporting may not prevent or detect misstatements. Projections of any evaluation of the effectiveness of internal controls to future periods are subject to the risk that controls may become inadequate due to changes in conditions, or that the degree of compliance with the policies and procedures may deteriorate.

For the period January 1 through December 31, 2015 management conducted an assessment of the effectiveness of the Authority's internal control over operations and financial reporting and has determined that the controls are adequate. The assessment was made through testing, inquiry and observation.

Respectfully Submitted,

Kathleen A. Prestidge
Director of Finance & Business Services

MONROE COUNTY WATER AUTHORITY
(A Discretely Presented Component Unit
of the County of Monroe, New York)

Financial Statements as of
December 31, 2015
Together with
Independent Auditor's Report

Bonadio & Co., LLP
Certified Public Accountants

MONROE COUNTY WATER AUTHORITY
(A Discretely Presented Component Unit of the County of Monroe, New York)

TABLE OF CONTENTS

	<u>Page</u>
FINANCIAL STATEMENTS	
INDEPENDENT AUDITOR'S REPORT	1 - 2
MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)	3 - 9
BASIC FINANCIAL STATEMENTS AS OF AND FOR THE YEAR ENDED DECEMBER 31, 2015:	
Statement of Net Position	10
Statement of Revenue, Expenses and Change in Net Position	11
Statement of Cash Flows	12
Notes to Financial Statements	13 - 37
REQUIRED SUPPLEMENTARY INFORMATION	
Schedule of Funding Progress – Other Postemployment Benefits Plan	38
Schedule of Proportionate Share of Net Pension Liability (Asset)	39
Schedule of Contributions - Pension Plans	40
INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH <i>GOVERNMENT AUDITING STANDARDS</i>	41 - 42

INDEPENDENT AUDITOR'S REPORT

March 4, 2016

To the Board of Directors of
Monroe County Water Authority:

Report on the Financial Statements

We have audited the accompanying financial statements of the Monroe County Water Authority (the Authority), a public benefit corporation of the State of New York and a discretely presented component unit of the County of Monroe, New York, as of and for the year ended December 31, 2015, 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.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. 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 auditor's 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 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 respective financial position of the Authority as of December 31, 2015, and the respective 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.

(Continued)

INDEPENDENT AUDITOR'S REPORT

(Continued)

Change in Accounting Principle

As discussed in Note 3 to the financial statements, in 2015 the Authority adopted new accounting guidance, GASB Statement No. 68, *Accounting and Financial Reporting for Pensions – an amendment of GASB Statement No. 27* and GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date – an amendment of GASB Statement No. 68*. Our opinion is not modified with respect to this matter.

Summarized Comparative Totals

We have previously audited the Authority's 2014 financial statements, and we expressed an unmodified audit opinion on those audited financial statements in our report dated March 5, 2015. In our opinion, the summarized comparative information presented herein as of and for the year ended December 31, 2014 is consistent, in all material respects, with the audited financial statements from which it has been derived.

Report on Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3 - 9 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 Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated March 4, 2016 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, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.

MONROE COUNTY WATER AUTHORITY
(A Discretely Presented Component Unit of the County of Monroe, New York)

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)
DECEMBER 31, 2015

The Monroe County Water Authority (the Authority) is a not-for-profit public benefit corporation that reliably provides quality, affordable water to residents of Monroe County and area communities who request service.

The financial statements of the Authority include the Statement of Net Position, the Statement of Revenue, Expenses and Change in Net Position, and the Statement of Cash Flows, and related notes to the financial statements. The Statement of Net Position provides information about the nature and the amounts of investments and resources (assets), deferred outflows, and the obligations to the Authority's creditors (liabilities), with the difference between these reported as net position.

The Statement of Revenue, Expenses and Change in Net Position shows how the Authority's net position changed during the year. It accounts for all the year's revenues and expenses, measures the financial results of the Authority's operations for the year and can be used to determine how the Authority has funded its costs.

The Statement of Cash Flows provides information about the Authority's cash receipts, cash payments, and net changes in cash resulting from operations, capital and related financing, and investing activities.

The notes to the financial statements contain information that is essential to the understanding of the financial statements, such as the Authority's accounting methods and policies.

Management provides the following discussion and analysis (MD&A) of the Authority's financial position and activities. This overview is provided for the year ended December 31, 2015. The information contained in this analysis should be used by the reader in conjunction with the information contained in our audited financial statements and the notes to those financial statements, all of which follow this narrative on the subsequent pages.

FINANCIAL HIGHLIGHTS

The Authority's financial statements are prepared on the accrual basis of accounting promulgated by the Governmental Accounting Standards Board (GASB). The Authority is a single-purpose entity and revenues are recognized when earned, not received. Expenses are recognized when incurred, not when they are paid.

The 2015 financial statements are presented with comparative totals from 2014.

- The assets and deferred outflows of the Authority exceeded its liabilities at the close of its most recent fiscal year by \$328,000,405 (net position). Of this amount \$57,804,753 (unrestricted net position) may be used to meet the Authority's ongoing obligations.
- Operating revenues remained consistent with 2014.

FINANCIAL HIGHLIGHTS (Continued)

- Several major construction projects were completed during the year increasing the Authority's assets as follows:

<u>Project Name</u>	<u>2015</u>
Ridge to Plank ESWSP 48" Transmission Main	\$ 8,462,862
WWTP & LWPS Projects	\$ 2,143,655
2010 Cement Lining Program	\$ 1,546,933
Barry Road Water Main Replacement	\$ 1,478,810
2014 Fairport Lining Program	\$ 78,160
Dewey Avenue/Miles Water Main Replacement	\$ 540,383

Summary of Operations and Change in Net Position

	<u>2015</u>	<u>2014</u>
Operating revenues	\$ 61,982,042	\$ 60,001,263
Operating expenses	<u>(59,569,502)</u>	<u>(59,167,903)</u>
Operating income	2,412,540	833,360
Non-operating expenses, net	<u>(5,843,000)</u>	<u>(5,809,915)</u>
Income before capital contributions	(3,430,460)	(4,976,555)
Capital contributions	<u>3,785,445</u>	<u>2,217,473</u>
Change in net position	<u>\$ 354,985</u>	<u>\$ (2,759,082)</u>

Capital contributions are revenues from grants, developers and customers for water system capital improvements donated to the Authority.

FINANCIAL HIGHLIGHTS (Continued)

Financial Position Summary

Net position is an indication of the Authority's financial strength. The Authority's net position as of December 31, 2015 is \$328,000,405. A summary of the Authority's financial position is shown below.

	<u>2015</u>	<u>2014</u>
ASSETS:		
Current assets	\$ 63,520,398	\$ 63,450,575
Capital assets	414,615,334	408,823,612
Funds held by trustee	21,894,621	26,699,245
Restricted assets	<u>3,357,707</u>	<u>3,527,579</u>
Total assets	<u>503,388,060</u>	<u>502,501,011</u>
DEFERRED OUTFLOWS OF RESOURCES	<u>3,535,254</u>	<u>556,735</u>
LIABILITIES:		
Current liabilities, including current portion of debt	18,775,870	16,675,528
Other liabilities (long-term)	<u>160,147,039</u>	<u>159,007,567</u>
Total liabilities	<u>178,922,909</u>	<u>175,683,095</u>
NET POSITION:		
Net investment in capital assets	266,837,945	259,497,303
Restricted	3,357,707	3,468,161
Unrestricted	<u>57,804,753</u>	<u>64,409,187</u>
Total net position	<u>\$ 328,000,405</u>	<u>\$ 327,374,651</u>

As a water utility, the Authority has a significant investment in infrastructure. The Authority's infrastructure includes pipelines ranging from 2" in diameter to 5' in diameter, 46 booster pumping stations, 51 tanks, 2 reservoirs, 3 water treatment plants, land and other facilities required in the treatment and distribution of potable water to its customers. Deferred outflows of resources were recorded in 2015 due to a change in accounting principle related to the recording of pensions. Long-term liabilities were recorded in 2015 as a result of a net pension liability related to GASB 68 & 71 implementation, for the Authority's proportionate share of the New York State Employees' Retirement System. The Authority's net position also includes funds available to pay for ongoing and future construction of replacements, and/or additions, to this infrastructure.

MCWA Rates and Charges

The Authority sets its rates annually in concurrence with the adoption of its annual operating budget. The Authority is required by its Master Trust Indenture dated October 1, 1991 and Supplemental Indentures issued with and specific to each subsequent revenue bond issue (Trust Indentures) to set rates and fees sufficient to cover all of its operating and capital expenses.

Many factors were considered by the Authority's Board Members when the rates were being set for 2016. Based in part on the recommendation of the Authority's independent rate consultant, the daily base charge and the commodity rate increased by a modest amount and are shown in the following table.

FINANCIAL HIGHLIGHTS (Continued)

MCWA Rates and Charges (Continued)

	<u>2016</u>	<u>2015</u>	<u>2014</u>
Residential/quarterly:			
Daily base charge per connection (up to ¾")	\$ 0.21	\$ 0.21	\$ 0.19
Commodity charge per 1,000 gallons	\$ 2.84	\$ 2.71	\$ 2.66
Large commercial/monthly:			
Daily base charge per connection	\$ 0.62 - 7.42	\$ 0.62 - 7.42	\$ 0.57 - 7.02
Commodity charge per 1,000 gallons -			
First 125,000 gallons	\$ 2.84	\$ 2.71	\$ 2.66
Each additional 1,000 gallons	\$ 1.92	\$ 1.86	\$ 1.84
Water district rate:			
Daily base charge per connection	\$ 0.62 - 7.42	\$ 0.62 - 7.42	\$ 0.57 - 7.02
Commodity charge per 1,000 gallons	\$ 1.92	\$ 1.86	\$ 1.84

Summary of Operating Revenues

	<u>2015</u>	<u>2015 Budget</u>	<u>2014</u>
Water sales:			
Residential/quarterly	\$ 48,987,079	\$ 51,796,840	\$ 47,300,132
Large commercial/monthly	5,308,211	5,610,620	5,439,411
Water districts/wholesale	<u>2,829,711</u>	<u>2,705,410</u>	<u>2,645,608</u>
Total water sales	57,125,001	60,112,870	55,385,151
Other water and operating revenue	<u>4,857,041</u>	<u>4,457,500</u>	<u>4,616,112</u>
Total operating revenue	<u>\$ 61,982,042</u>	<u>\$ 64,570,370</u>	<u>\$ 60,001,263</u>

Revenues

Water sales for 2015 were projected based on average historical usage with the typical residential customer using approximately 75 thousand gallons of water annually. This year's water sales, which include the residential, large commercial and water district classes, were \$1,739,850 more than those of 2014 but \$2,987,869 less than budget. As with the two previous years, the spring and summer of 2015 were unusually wet and resulted in less than anticipated demands.

Other water revenue includes private fire services in the amount of \$1,250,061, and late charges in the amount of \$869,768. Also included are payments made to the Authority by both Monroe County and Genesee County for debt service on facilities constructed and owned by the Authority for the benefit of the respective counties. In 2015, the service fees for Monroe and Genesee Counties were \$722,451 and \$1,080,995 respectively. Other operating revenues included cell tower lease income of \$284,280 in 2015.

Total operating revenue for 2015 was \$61,982,042; \$1,980,779 more than 2014, but \$2,588,328 less than budget estimates.

Operating Expenses

The Authority's expenses (excluding depreciation and amortization) are budgeted and tracked functionally by operating department. The Authority is divided into the following five departments: Administration; Production/Transmission; Engineering; Facilities, Fleet & Operations; and Finance & Business Services.

FINANCIAL HIGHLIGHTS (Continued)

Operating Expenses (Continued)

The following is a breakdown of the Authority's functional expenses by operating department (excluding depreciation and amortization):

	<u>2015</u>	<u>2015 Budget</u>	<u>2014</u>
Functional expenses:			
Administration	\$ 8,217,451	\$ 7,200,645	\$ 6,864,597
Production/transmission	12,038,416	15,033,415	12,661,364
Engineering	3,553,659	3,858,105	3,373,057
Facilities, fleet & operations	12,932,953	12,251,515	12,975,085
Finance and business services	<u>6,036,470</u>	<u>6,825,425</u>	<u>6,013,245</u>
Total functional expenses	<u>\$ 42,778,949</u>	<u>\$ 45,169,105</u>	<u>\$ 41,887,348</u>

Operating expenses (excluding depreciation and amortization) were \$2,390,156, or 5.3% under budget for 2015.

The following is a breakdown of the Authority's total operating expenses:

	<u>2015</u>	<u>2014</u>
Operating expenses:		
Salaries and fringe benefits	\$ 20,888,300	\$ 21,657,708
Operations and maintenance	13,473,366	12,915,060
General and administrative	8,417,283	7,314,580
City contract - capital	243,000	243,000
Depreciation and amortization	16,526,341	17,031,903
Bond expense and amortization of deferred amounts on refunding	<u>21,212</u>	<u>5,652</u>
Total operating expenses	<u>\$ 59,569,502</u>	<u>\$ 59,167,903</u>

Total operating expenses increased only \$401,599 from 2014. Salaries and benefits decreased \$769,408, or 3.6%. In 2015, there was a prior period adjustment related to the implementation of GASB 68 and 71 to record the opening balance of the net pension liability. In 2014, there was no expense related to this. At year end, that liability was reduced by approximately \$682,000, which resulted in a decrease in the expense in 2015. Operations and Maintenance expense totaled \$13,473,366, up \$558,306 or 4.3% over 2014. Most of this is due to emergency repair work due to the high number of frozen services during the winter months, offset by a decrease in power costs. General and administrative expenses increased \$1,102,703 from 2014, which is due to an increase in the valuation of Other Post-Employment Benefits (OPEB). City contract – capital is the Authority's share of capital projects outlined in the 2011 Exchange Agreement for Water Supply with the City of Rochester and did not change for 2015.

Non-Operating Revenue (Expenses)

The Authority's non-operating revenue (expenses) is composed of the following:

	<u>2015</u>	<u>2014</u>
Non-operating revenue (expenses):		
Federal interest subsidy	\$ 1,851,784	\$ 1,858,793
Interest earnings	98,093	115,708
Interest expense	(7,610,335)	(7,812,611)
Loss on disposal of capital assets	(200,389)	(125,171)
Realized and unrealized gains on investments, net	<u>17,847</u>	<u>153,366</u>
Total non-operating revenue (expenses), net	<u>\$ (5,843,000)</u>	<u>\$ (5,809,915)</u>

DEBT ADMINISTRATION

Water Revenue Bonds

As of December 31, 2015, the Authority has seven water revenue bond series outstanding totaling \$142,390,000. Included in this total is \$706,365, which represents 85.62% of the outstanding portion of the 1993 Series B Refunding that is payable by Monroe County to the Authority under the terms of the Construction Services Agreement between Monroe County and the Authority dated December 21, 1990. In 2015, the NYS Environmental Facilities Corporation (EFC) refinanced the 2007 Series bonds, maintaining the outstanding principal amounts but reducing the interest amounts due. As with the 2007 Series bonds, these new 2015 Series bonds are payable by Genesee County to the Authority under the terms of the Construction Services Agreement between Genesee County and the Authority dated May 24, 2000.

Monroe County Water Authority <u>Bond Series</u>	Bonds Outstanding as of December <u>2015</u>	Bonds Outstanding as of December <u>2014</u>	Principal Due <u>2016</u>
1993 Series B Refunding	\$ 825,000	\$ 1,605,000	\$ 825,000
2007 Series Refunding	-	16,425,000	-
2010 Series	8,635,000	9,615,000	1,015,000
2010A Series	1,585,000	1,585,000	335,000
2010B Series	92,915,000	92,915,000	-
2012 Series	5,975,000	6,135,000	170,000
2013 Series	16,595,000	17,060,341	470,000
2015 Series	<u>15,860,000</u>	<u>-</u>	<u>570,000</u>
Total	<u>\$ 142,390,000</u>	<u>\$ 145,340,341</u>	<u>\$ 3,385,000</u>

Obligations under Capital Lease

The Authority entered into an agreement with Monroe County, dated November 18, 1969, in which Monroe County agreed to finance, and the Authority agreed to construct and pay for, certain improvements within Monroe County. Improvements constructed under this agreement are owned by Monroe County but leased to the Authority. The Authority operates these leased facilities with all the responsibilities of ownership. There remains \$1,887,739 of principal and interest outstanding which the Authority is required to pay.

DEBT ADMINISTRATION (Continued)

Obligations under Capital Lease (Continued)

<u>County of Monroe Bond Series</u>	Bonds Outstanding as of December <u>2015</u>	Bonds Outstanding as of December <u>2014</u>	Principal Due <u>2016</u>
1996 Series A Refunding	\$ 1,212,056	\$ 1,471,929	\$ 275,337
2008 Series C Refunding	<u>505,000</u>	<u>780,000</u>	<u>265,000</u>
Total	<u>\$ 1,717,056</u>	<u>\$ 2,251,929</u>	<u>\$ 540,337</u>

Credit Ratings

The Authority is the recipient of very favorable credit ratings from both Moody's Investors Service and Standard & Poor's. The Authority has an Aa2 rating assigned to its revenue bonds by Moody's Investors Service and an AA+ rating by Standard & Poor's. The Authority's bond ratings were last reviewed by Moody's Investor Service and by Standard & Poor's in December of 2012. The Authority issues revenue bonds subject to its Master Trust Indenture dated October 1, 1991 and Supplemental Indentures issued with, and specific to, each subsequent revenue bond issue.

ECONOMIC FACTORS AND NEXT YEAR'S GOALS

The Authority continues to develop the necessary infrastructure and operational practices to meet its short and long-term plans while ensuring quality customer service is provided and competitive rates are being maintained.

In 2016, the Authority intends to spend approximately \$13 million for improvements to infrastructure, including the following major capital improvements.

- Water Main Rehabilitation and Replacement
- Tank Painting and Rehabilitation
- Meter Replacements
- GAC Replacement
- Service Replacements

The Authority believes it possesses the financial and leadership capabilities to accomplish its goals during the upcoming year.

Request for Information

This financial report is designed to provide a general overview of the Authority's finances for all those interested. Questions concerning any of the information provided in this report or requests for additional information should be addressed in writing to the Director of Finance & Business Services, Monroe County Water Authority, 475 Norris Drive, Rochester, New York, 14610 or by email to kathy.prestidge@mcwa.com.

MONROE COUNTY WATER AUTHORITY

(A Discretely Presented Component Unit of the County of Monroe, New York)

STATEMENT OF NET POSITION**DECEMBER 31, 2015**

(With Comparative Totals for 2014)

	<u>2015</u>	<u>2014</u>
ASSETS		
CURRENT ASSETS:		
Cash and cash equivalents	\$ 48,216,219	\$ 48,532,364
Accounts receivable	5,238,188	5,295,595
Accrued unbilled revenue	6,720,000	6,505,000
Materials and supplies	1,742,528	1,655,283
Prepayments and other current assets	<u>1,603,463</u>	<u>1,462,333</u>
Total current assets	<u>63,520,398</u>	<u>63,450,575</u>
OTHER ASSETS:		
Capital assets -		
Nondepreciable	26,874,262	31,645,721
Depreciable, net	387,741,072	377,177,891
Funds held by trustee -		
Capital improvement fund	5,158,674	6,592,648
New construction fund	<u>16,735,947</u>	<u>20,106,597</u>
Total other assets	<u>436,509,955</u>	<u>435,522,857</u>
RESTRICTED ASSETS:		
Cash restricted for capital project	-	55,375
Construction fund held by trustee	-	59,418
Debt service fund held by trustee	114,013	116,052
Debt service reserve held by trustee	<u>3,243,694</u>	<u>3,296,734</u>
Total restricted assets	<u>3,357,707</u>	<u>3,527,579</u>
Total assets	<u>503,388,060</u>	<u>502,501,011</u>
DEFERRED OUTFLOWS OF RESOURCES		
Pension related - ERS	3,081,602	-
Deferred amounts on refunding water revenue and capital lease bonds	<u>453,652</u>	<u>556,735</u>
Total deferred outflows of resources	<u>3,535,254</u>	<u>556,735</u>
LIABILITIES		
CURRENT LIABILITIES:		
Current portion of water revenue bonds	3,385,000	2,950,341
Current portion of obligations under capital leases	540,337	534,873
Accounts payable and other liabilities	7,054,656	5,112,295
Accrued payroll and benefits	4,799,524	5,015,125
Accrued interest on water revenue and capital lease bonds	<u>2,996,353</u>	<u>3,062,894</u>
Total current liabilities	<u>18,775,870</u>	<u>16,675,528</u>
OTHER LIABILITIES:		
Water revenue bonds, net of bond premium of \$1,301,419 and \$1,383,288 for 2015 and 2014, respectively	140,306,417	143,773,288
Obligations under capital leases	1,176,719	1,717,056
Net pension liability - ERS	2,021,835	-
Other postemployment benefit obligations	<u>16,642,068</u>	<u>13,517,223</u>
Total other liabilities	<u>160,147,039</u>	<u>159,007,567</u>
Total liabilities	<u>178,922,909</u>	<u>175,683,095</u>
NET POSITION		
NET INVESTMENT IN CAPITAL ASSETS	266,837,945	259,497,303
RESTRICTED	3,357,707	3,468,161
UNRESTRICTED	<u>57,804,753</u>	<u>64,409,187</u>
Total net position	<u>\$ 328,000,405</u>	<u>\$ 327,374,651</u>

The accompanying notes are an integral part of these statements.

MONROE COUNTY WATER AUTHORITY

(A Discretely Presented Component Unit of the County of Monroe, New York)

**STATEMENT OF REVENUE, EXPENSES AND CHANGE IN NET POSITION
FOR THE YEAR ENDED DECEMBER 31, 2015**

(With Comparative Totals for 2014)

	<u>2015</u>	<u>2014</u>
OPERATING REVENUE:		
Water sales - residential	\$ 48,987,079	\$ 47,300,132
Water sales - industrial/commercial	5,308,211	5,439,411
Water sales - water district	2,829,711	2,645,608
Other water revenue	4,116,154	4,098,840
Other operating revenue	<u>740,887</u>	<u>517,272</u>
Total operating revenue	<u>61,982,042</u>	<u>60,001,263</u>
OPERATING EXPENSES:		
Salaries and fringe benefits	20,888,300	21,657,708
Operations and maintenance	13,473,366	12,915,060
General and administrative	8,417,283	7,314,580
City contract - capital	243,000	243,000
Depreciation and amortization	16,526,341	17,031,903
Bond expense and amortization of deferred amounts on refunding	<u>21,212</u>	<u>5,652</u>
Total operating expenses	<u>59,569,502</u>	<u>59,167,903</u>
Total operating income	<u>2,412,540</u>	<u>833,360</u>
NON-OPERATING REVENUE (EXPENSES):		
Federal interest subsidy	1,851,784	1,858,793
Interest earnings	98,093	115,708
Interest expense	(7,610,335)	(7,812,611)
Loss on disposal of capital assets	(200,389)	(125,171)
Unrealized and realized gains on investments, net	<u>17,847</u>	<u>153,366</u>
Total non-operating expenses, net	<u>(5,843,000)</u>	<u>(5,809,915)</u>
LOSS BEFORE CAPITAL CONTRIBUTIONS	<u>(3,430,460)</u>	<u>(4,976,555)</u>
CAPITAL CONTRIBUTIONS:		
Grant income	-	193,802
Developers and customers	<u>3,785,445</u>	<u>2,023,671</u>
Total capital contributions	<u>3,785,445</u>	<u>2,217,473</u>
CHANGE IN NET POSITION	<u>354,985</u>	<u>(2,759,082)</u>
NET POSITION - beginning of year, as previously reported	327,374,651	330,133,733
CUMULATIVE EFFECT OF CHANGE IN ACCOUNTING PRINCIPLE (NOTE 3)	<u>270,769</u>	<u>-</u>
NET POSITION - beginning of year, as restated	<u>327,645,420</u>	<u>330,133,733</u>
NET POSITION - end of year	<u>\$ 328,000,405</u>	<u>\$ 327,374,651</u>

The accompanying notes are an integral part of these statements.

MONROE COUNTY WATER AUTHORITY**(A Discretely Presented Component Unit of the County of Monroe, New York)****STATEMENT OF CASH FLOWS****FOR THE YEAR ENDED DECEMBER 31, 2015**

(With Comparative Totals for 2014)

	<u>2015</u>	<u>2014</u>
CASH FLOW FROM OPERATING ACTIVITIES:		
Receipts from customers	\$ 61,866,634	\$ 59,849,116
Payments to suppliers	(20,461,848)	(22,469,530)
Payments to employees	<u>(18,768,054)</u>	<u>(19,544,208)</u>
Net cash flow from operating activities	<u>22,636,732</u>	<u>17,835,378</u>
CASH FLOW FROM CAPITAL AND RELATED FINANCING ACTIVITIES:		
Withdrawals from (deposits) into funds held by trustee	59,418	(96,843)
Withdrawals from (deposits) into restricted for capital projects	55,375	(55,375)
Withdrawals from funds held by trustee	4,859,703	13,446,779
Purchases of capital assets	(18,940,592)	(18,646,177)
Proceeds from disposal of capital assets	207,585	132,488
Federal interest subsidy	1,851,784	1,858,793
Proceeds from water revenue bond issuance	16,425,000	-
Repayments and redemptions of water revenue bonds	(19,375,341)	(2,850,000)
Repayments of obligations under capital leases	(534,873)	(1,085,872)
Interest paid	<u>(7,676,876)</u>	<u>(7,863,647)</u>
Net cash flow from capital and related financing activities	<u>(23,068,817)</u>	<u>(15,159,854)</u>
CASH FLOW FROM INVESTING ACTIVITIES:		
Interest received	98,093	115,708
Gains (losses) on investments	<u>17,847</u>	<u>153,366</u>
Net cash flow from investing activities	<u>115,940</u>	<u>269,074</u>
NET CHANGE IN CASH AND CASH EQUIVALENTS	(316,145)	2,944,598
CASH AND CASH EQUIVALENTS - beginning of year	<u>48,532,364</u>	<u>45,587,766</u>
CASH AND CASH EQUIVALENTS - end of year	<u>\$ 48,216,219</u>	<u>\$ 48,532,364</u>
RECONCILIATION OF OPERATING INCOME TO NET CASH FLOW FROM OPERATING ACTIVITIES:		
Operating income	\$ 2,412,540	\$ 833,360
Adjustments to reconcile operating income to net cash flow from operating activities:		
Depreciation and amortization	16,547,553	17,037,555
Bad debt expense (recovery)	27,154	(6,534)
Pension items - ERS	(788,998)	-
Changes in:		
Accounts receivable	30,253	(545,198)
Accrued unbilled revenue	(215,000)	415,000
Materials and supplies	(87,245)	(85,154)
Prepayments and other current assets	(141,130)	(251,167)
Accounts payable and other liabilities	1,942,361	(1,675,984)
Accrued payroll and benefits	(215,601)	103,817
Other postemployment benefit obligations	<u>3,124,845</u>	<u>2,009,683</u>
Net cash flow from operating activities	<u>\$ 22,636,732</u>	<u>\$ 17,835,378</u>
NON-CASH CAPITAL FINANCING ACTIVITY:		
Capital assets received directly from developers and customers	<u>\$ 3,785,445</u>	<u>\$ 2,023,671</u>

The accompanying notes are an integral part of these statements.

MONROE COUNTY WATER AUTHORITY
(A Discretely Presented Component Unit of the County of Monroe, New York)

NOTES TO BASIC FINANCIAL STATEMENTS
DECEMBER 31, 2015
(With Comparative Totals for 2014)

1. ORGANIZATION

Monroe County Water Authority (the Authority), a discretely presented component unit of the County of Monroe, New York (the County), is a public benefit corporation organized under the Public Authorities Law of the State of New York. The Authority was created to finance, construct, operate and maintain a water supply and distribution system for the benefit of the residents of the County and the State of New York.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The Authority's financial statements are prepared in conformity with accounting principles generally accepted in the United States as set forth by the Governmental Accounting Standards Board (GASB) for proprietary funds.

Basis of Presentation

GASB requires the classification of net position into three categories defined as follows:

- Net investment in capital assets - This component of net position consists of capital assets, net of accumulated depreciation and amortization, reduced by the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of those assets. If there are significant unspent capital-related debt proceeds at year-end, the portion of the debt attributable to the unspent proceeds is not included in the calculation of net investment in capital assets. Rather, that portion of the debt is included in the same net position component as the unspent proceeds.
- Restricted net position - This component of net position consists of amounts which have external constraints placed on its use imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.
- Unrestricted net position - This component consists of net position that does not meet the definition of "net investment in capital assets," or "restricted."

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.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Cash and Cash Equivalents

For purposes of presenting the statement of cash flows, the Authority considers all highly liquid short-term investments with a maturity of three months or less from year-end to be cash or cash equivalents.

Accounts Receivable

Accounts receivable consists of fees for services for water charges due from individuals, businesses, and other governments. Accounts receivable are carried on the balance sheet at net realizable value. The Authority has elected to record bad debts using the direct write-off method. Generally accepted accounting principles require the allowance method be used to recognize bad debts; however, the effect of using the direct write-off method is not materially different from the results that would have been obtained under the allowance method.

Accrued Unbilled Revenues

Accrued unbilled revenues represent revenue earned in the current year but not billed to customers until future dates, usually within three months, and is an estimate made by management using historical trends.

Materials and Supplies

Materials and supplies are stated at cost and are determined using a weighted-average method.

Capital Assets

Capital assets are stated at cost. Depreciation and amortization are provided using the straight-line method over the following estimated useful lives or lease term if shorter:

Production and distribution system	5 - 40 years
Water facility capital lease	5 - 25 years
Water rights	40 years
Pipelines and district facilities	40 years
Meters and distribution services	25 - 40 years
Automotive and construction equipment	5 years
Land improvements	10 - 20 years
Furniture, fixtures and other equipment	5 - 15 years

Improvements, renewals and significant repairs over \$5,000 that extend the life of the asset are capitalized; other repairs and maintenance costs are expensed as incurred. When assets are retired or otherwise disposed of, the related asset and accumulated depreciation is written off and any unrelated gains or losses are recorded.

Funds Held by Trustee

Funds held by Bank of New York (the Trustee) consist of fixed income United States Government securities. The Authority reports these items at fair value based on quoted market prices. These funds are required to be held in accordance with the trust indentures for the water revenue bonds as described in Note 8.

Accrued Payroll and Benefits

It is the Authority's policy to record employee benefits, including accumulated vacation and sick leave, as a current liability in accounts payable and other liabilities on the statement of net position. The Authority's employees are granted vacation and sick leave in varying amounts based on the underlying employee contracts.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Other Postemployment Benefits

The Authority provides certain health care benefits to its retired employees in accordance with the provisions of employment contracts.

Unamortized Bond Discount and Premium

Bond discount and premium related to the issuance of debt obligations are amortized over the term of the respective bond issues and capital leases.

Deferred Outflows of Resources

In addition to assets, the Statement of Net Position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period and so will not be recognized as an outflow of resources (expense) until then. The Authority reports deferred amounts on refunding capital leases and water revenue bonds, as well as amounts relating to the New York State Employees' Retirement System in this category.

Revenue Recognition

Revenues from water sales are recognized at the time of service delivery based on actual or estimated water meter readings.

Operating and Non-Operating Revenues and Expenses

Operating revenue consists of water revenue and other related revenue. The Authority defines non-operating revenue as interest earnings on investment assets and realized/unrealized gains or losses on sales of investments. Non-operating expenses are defined as interest expense on long-term debt and gains/losses on disposals of capital assets. The Authority also receives Federal interest subsidies which are considered non-operating revenue.

Capital Contributions from Developers and Customers

Capital contributions from developers and customers represent amounts for betterments or additions to capital assets that have been contributed to the Authority.

Income Tax Status

As a public benefit corporation, the Authority is exempt from federal and state income taxes, as well as state and local property and sales taxes.

Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States 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.

Comparative Information

The financial statements include certain prior year summarized comparative information in total but not in the same detail used for current year presentation. Such information does not include sufficient detail to constitute a presentation in conformity with accounting principles generally accepted in the United States. Accordingly, such information should be read in conjunction with the Authority's financial statements for the year ended December 31, 2014, from which the summarized information was obtained.

3. CUMULATIVE EFFECT OF CHANGE IN ACCOUNTING PRINCIPLE

The Authority adopted GASB Statement No. 68, *Accounting and Financial Reporting for Pensions – an amendment of GASB Statement No. 27* and GASB Statement No. 71, *Pension Transition for contributions made subsequent to the measurement date – an amendment of GASB Statement No. 68*. Statement No. 68 and Statement No. 71 establish accounting and financial reporting requirements related to pensions for governments whose employees are provided with pensions through pension plans that are covered by the scope of Statement No. 68 and Statement No. 71, as well as for non-employer governments that have a legal obligation to contribute to those plans. Accordingly, Beginning Net Position and Net Pension Liability (Asset) on the Statement of Net Position was adjusted as noted in the following table:

	Statement of Net Position		
	Net Pension Liability	Deferred Outflows	Net Position
Balance at December 31, 2014, as previously reported	\$ -	\$ -	\$ 327,374,651
Restatement of beginning balance - Adoption of GASB Statements No. 68 and No. 71			
Contributions subsequent to measurement date	-	2,975,247	2,975,247
NYS Employees' Retirement System Plan	(2,704,478)	-	(2,704,478)
	<u>(2,704,478)</u>	<u>2,975,247</u>	<u>327,645,420</u>
Balance at December 31, 2014, as restated	<u>\$ (2,704,478)</u>	<u>\$ 2,975,247</u>	<u>\$ 327,645,420</u>

4. WATER AGREEMENT

The Authority and the City of Rochester, New York (the City) entered into an agreement in 2011 that provides for the exchange of water between the two entities at a fixed rate that is established annually based on the weighted average cost of each entity's typical residential customer. Authority consumption of the City's water is offset against the City's consumption of the Authority's water with the net consumption charged at the annual exchange rate. For the years ended December 31, 2015 and 2014, the Authority had net purchases from the City of \$1,014,958 and \$1,088,896, respectively.

5. DEPOSITS WITH FINANCIAL INSTITUTIONS AND INVESTMENTS

The guidelines established by the Authority permit the investment of funds held by the Authority, and funds held in trust for the Authority, to be invested in accordance with New York State Public Authorities Law. Investments must be in the form of obligations of the State of New York, or in general obligations of its political subdivisions; obligations of the United States or its agencies whose principal and interest payments are fully guaranteed by the federal government; and in collateralized time deposits or certificates of deposit issued by a commercial bank or trust company, which is a member of the Federal Deposit Insurance Corporation (FDIC). The Authority's investment policy limits its deposit and investment activity to time deposits, demand deposits, certificates of deposit, United States Government obligations and repurchase agreements.

5. DEPOSITS WITH FINANCIAL INSTITUTIONS AND INVESTMENTS (Continued)

The Authority's investment policy requires its deposits and investments, not controlled by the Trustee, to be 100% collateralized through federal deposit insurance or other obligations. Obligations that may be pledged as collateral are obligations of, or guaranteed by, the United States or the State of New York. Collateral must be delivered to the Authority or an authorized custodial bank. In addition, the Authority's investment policy includes the following provisions for credit risk and custodial credit risk (as defined below):

- Custodial credit risk
 - For cash deposits or investments, custodial credit risk is the risk that, in the event of the failure of the counterparty, the Authority will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party.
 - The Authority limits its investments (other than United States securities held by the Trustee) at any financial institution to 1% of such institution's total assets.
 - Any financial institution in which the Authority invests funds must have in excess of \$50,000,000 in capital stock and retained earnings and the Authority limits its investments (other than United States securities held by the Trustee) at these institutions to 5% of the total capital stock and retained earnings.
- Credit risk
 - The Authority limits its investments in money market funds to those with the highest short-term or long-term rating by at least one nationally recognized rating agency. In 2015, the Authority did not hold any investments in money market funds. The money market funds detailed in this section are used as savings accounts by the Authority and the income derived from these accounts is classified as cash and cash equivalents and not investment income. As of December 31, 2015 and 2014, the Authority's deposits and investments in various banks are detailed on the following page.

Total deposits of cash and cash equivalents, marketable securities and related collateral, included in cash and cash equivalents and marketable securities, not controlled by the Trustee (including certificates of deposit and money market funds) are as follows for the years ended December 31:

	2015	
	Carrying Amount	Bank Balance
Demand deposits	\$ 897,229	\$ 897,229
Time deposits	<u>47,318,990</u>	<u>48,100,433</u>
Total cash and investments	<u>\$ 48,216,219</u>	<u>\$ 48,997,662</u>
Insured cash - FDIC		\$ 751,001
Uninsured - collateralized with securities held by pledging financial institution		<u>50,336,977</u>
Total insured and collateralized cash and cash equivalents		<u>\$ 51,087,978</u>

5. DEPOSITS WITH FINANCIAL INSTITUTIONS AND INVESTMENTS (Continued)

	2014	
	Carrying Amount	Bank Balance
Demand deposits	\$ 2,483,767	\$ 2,483,767
Time deposits	<u>46,103,972</u>	<u>47,378,360</u>
Total cash and investments	<u>\$ 48,587,739</u>	<u>\$ 49,862,127</u>
Insured cash - FDIC		\$ 750,954
Uninsured - collateralized with securities held by pledging financial institution		<u>50,098,209</u>
Total insured and collateralized cash and cash equivalents		<u>\$ 50,849,163</u>

Total cash and cash equivalents and marketable securities by type as of December 31, including certificates of deposit controlled by the Trustee and reported in 'Capital improvement fund', 'New construction fund', and 'Restricted Assets' in the accompanying financial statements, are as follows:

	<u>2015</u>	<u>2014</u>
United States Treasury obligations	\$ 6,088,889	\$ 5,054,750
United States Treasury bills	19,148,328	25,051,355
Money market funds	42,968,463	43,256,152
Cash	<u>5,262,867</u>	<u>5,396,931</u>
	<u>\$ 73,468,547</u>	<u>\$ 78,759,188</u>

The following deposits and investments, excluding amounts controlled by the Trustee, held with one financial institution represent five percent or more of the Authority's total deposits and investments at either December 31, 2015 and 2014, or both:

	<u>2015</u>	<u>2014</u>
M&T Bank	\$ 36,820,842	\$ 36,891,274
First Niagara Bank	\$ 11,384,341	\$ 11,372,917

6. CAPITAL ASSETS

Capital asset activity for the year ended December 31, 2015 was as follows:

	Balance January 1, 2015	Additions	Transfers	Disposals	Balance December 31, 2015
Land and easements	\$ 9,917,487	\$ -	\$ 238,284	\$ -	\$ 10,155,771
Construction-in-progress	<u>21,728,234</u>	<u>19,443,101</u>	<u>(24,452,844)</u>	<u>-</u>	<u>16,718,491</u>
Total non-depreciable assets	<u>\$ 31,645,721</u>	<u>\$ 19,443,101</u>	<u>\$ (24,214,560)</u>	<u>\$ -</u>	<u>\$ 26,874,262</u>
Land improvements	\$ 7,593,802	\$ -	\$ 24,550	\$ -	\$ 7,618,352
Production and distribution system	224,321,035	-	5,028,570	(755,911)	228,593,694
Pipelines and district facilities	262,975,888	1,850,369	14,415,472	(974)	279,240,755
Meters and services	78,678,930	1,432,567	3,772,673	(561,413)	83,322,757
Automotive and construction equipment	7,515,023	-	851,095	(755,563)	7,610,555
Water facility capital lease	78,056,980	-	-	-	78,056,980
Furniture, fixtures and other equipment	<u>2,433,600</u>	<u>-</u>	<u>122,200</u>	<u>(53,794)</u>	<u>2,502,006</u>
Total at cost	<u>661,575,258</u>	<u>3,282,936</u>	<u>24,214,560</u>	<u>(2,127,655)</u>	<u>686,945,099</u>
Less: Accumulated depreciation and amortization for:					
Land improvements	(1,328,020)	(296,561)	-	-	(1,624,581)
Production and distribution system	(65,661,175)	(6,936,557)	-	738,669	(71,859,063)
Pipelines and district facilities	(103,414,430)	(5,859,567)	-	974	(109,273,023)
Meters and services	(31,597,003)	(2,130,146)	-	350,515	(33,376,634)
Automotive and construction equipment	(4,244,135)	(594,903)	-	575,728	(4,263,310)
Water facility capital lease	(76,661,688)	(489,708)	-	-	(77,151,396)
Furniture, fixtures and other equipment	<u>(1,490,916)</u>	<u>(218,899)</u>	<u>-</u>	<u>53,795</u>	<u>(1,656,020)</u>
Total accumulated depreciation and amortization	<u>(284,397,367)</u>	<u>(16,526,341)</u>	<u>-</u>	<u>1,719,681</u>	<u>(299,204,027)</u>
Total depreciable assets - net	<u>\$ 377,177,891</u>	<u>\$ (13,243,405)</u>	<u>\$ 24,214,560</u>	<u>\$ (407,974)</u>	<u>\$ 387,741,072</u>

6. CAPITAL ASSETS (Continued)

Capital asset activity for the year ended December 31, 2014 was as follows:

	Balance January 1, 2014	Additions	Transfers	Disposals	Balance December 31, 2014
Land and easements	\$ 9,854,292	\$ -	\$ 63,195	\$ -	\$ 9,917,487
Construction-in-progress	<u>18,034,604</u>	<u>19,096,314</u>	<u>(15,402,684)</u>	<u>-</u>	<u>21,728,234</u>
Total non-depreciable assets	<u>\$ 27,888,896</u>	<u>\$ 19,096,314</u>	<u>\$ (15,339,489)</u>	<u>\$ -</u>	<u>\$ 31,645,721</u>
Land improvements	\$ 7,593,802	\$ -	\$ -	\$ -	\$ 7,593,802
Production and distribution system	217,219,805	37,766	7,212,743	(149,279)	224,321,035
Pipelines and district facilities	256,122,757	1,059,434	5,793,697	-	262,975,888
Meters and services	75,254,466	663,492	3,120,906	(359,934)	78,678,930
Automotive and construction equipment	7,449,774	-	844,728	(779,479)	7,515,023
Water rights	1,986,726	-	(1,986,726)	-	-
Water facility capital lease	78,056,980	-	-	-	78,056,980
Furniture, fixtures and other equipment	<u>2,072,815</u>	<u>6,644</u>	<u>354,141</u>	<u>-</u>	<u>2,433,600</u>
Total at cost	<u>645,757,125</u>	<u>1,767,336</u>	<u>15,339,489</u>	<u>(1,288,692)</u>	<u>661,575,258</u>
Less: Accumulated depreciation and amortization for:					
Land improvements	(1,027,934)	(300,086)	-	-	(1,328,020)
Production and distribution system	(57,823,401)	(7,405,645)	(573,573)	141,444	(65,661,175)
Pipelines and district facilities	(97,109,787)	(5,984,188)	(320,455)	-	(103,414,430)
Meters and services	(29,813,117)	(2,008,269)	-	224,383	(31,597,003)
Automotive and construction equipment	(4,295,994)	(613,341)	-	665,200	(4,244,135)
Water rights	(869,766)	(24,262)	894,028	-	-
Water facility capital lease	(76,153,201)	(508,487)	-	-	(76,661,688)
Furniture, fixtures and other equipment	<u>(1,303,291)</u>	<u>(187,625)</u>	<u>-</u>	<u>-</u>	<u>(1,490,916)</u>
Total accumulated depreciation and amortization	<u>(268,396,491)</u>	<u>(17,031,903)</u>	<u>-</u>	<u>1,031,027</u>	<u>(284,397,367)</u>
Total depreciable assets - net	<u>\$ 377,360,634</u>	<u>\$ (15,264,567)</u>	<u>\$ 15,339,489</u>	<u>\$ (257,665)</u>	<u>\$ 377,177,891</u>

7. CAPITAL LEASES

The Authority and the County entered into an agreement in 1969 which provides for the Authority, as agent of the County, to plan, construct, operate, manage, repair and maintain certain water facilities owned by the County and primarily financed through County bond issues. These water facilities are leased to the Authority, which, along with capital assets owned by the Authority, become an integrated water system.

These leases are defined as capital leases and the related facilities are recorded as an asset that is generally amortized over the term of the lease or the related bond issue, whichever is shorter. The lease obligation is shown as a liability with the related interest expense reported as non-operating expenses.

Water facilities under capital leases that are included within capital assets as of December 31 are as follows:

	<u>2015</u>	<u>2014</u>
Completed water facilities	\$ 78,056,980	\$ 78,056,980
Less: Accumulated amortization	<u>(77,151,396)</u>	<u>(76,661,688)</u>
	<u>\$ 905,584</u>	<u>\$ 1,395,292</u>

Amortization expense related to water facilities under capital leases was \$489,708 and \$508,488 for the years ended December 31, 2015 and 2014, respectively.

At December 31, 2015 and 2014, the amount of the County bonds outstanding is included in obligations under capital leases. The expended portion of the bond proceeds is included in water facilities under capital leases.

The County issued \$51,005,000 in general obligation refunding bonds in 2004, of which \$5,964,830 refunded the County's 1993 Revenue Bonds. This resulted in a deferred loss on refunding of \$185,170 and an interest savings of approximately \$585,000 to the Authority. The excess of the reacquisition price over the net carrying amount of the refunded bonds, or a deferred loss, in the amount of \$185,170 was deferred and amortized over the term of the new bonds using the straight-line method through 2014.

In 2008, the County issued \$2,570,000 in general obligation refunding bonds, which refunded the remaining 1996C bonds. This resulted in a deferred loss on refunding of \$30,000 and, along with the remaining unamortized gain on the previous refunding, was amortized over the term of the new bond using the straight-line method through 2014. This refunding resulted in approximately \$125,000 of interest savings over the life of the bond.

At December 31, 2015, approximately \$40,000 of the deferred amounts on refunding the 1993 Revenue Bonds and the 1996C bonds are included in deferred outflows on the statement of net position.

7. CAPITAL LEASES (Continued)

Long-term capital lease activity for the year ended December 31, 2015 was as follows:

	Beginning Balance	Increases	Decreases	Due Within One Year	Due After One Year
County bonds issued in 1996 Series A as part of the refunding that mature annually ranging from \$275,000 to \$331,000 from 2016 to 2019 bearing interest ranging from 3.37% to 5.47%	\$ 1,471,929	\$ -	\$ (259,873)	\$ (275,337)	\$ 936,719
County bonds issued in 2008 Series C as part of the Series 1996C refunding that mature annually ranging from \$240,000 to \$265,000 from 2016 to 2017 bearing interest from 3.75% to 4%	<u>780,000</u>	<u>-</u>	<u>(275,000)</u>	<u>(265,000)</u>	<u>240,000</u>
Long-term capital lease liabilities	<u>\$ 2,251,929</u>	<u>\$ -</u>	<u>\$ (534,873)</u>	<u>\$ (540,337)</u>	<u>\$ 1,176,719</u>

Long-term capital lease activity for the year ended December 31, 2014 was as follows:

	Beginning Balance	Increases	Decreases	Due Within One Year	Due After One Year
County bonds issued in 1996 Series A as part of the refunding that mature annually ranging from \$260,000 to \$331,000 from 2015 to 2019 bearing interest ranging from 3.37% to 5.47%	\$ 1,715,846	\$ -	\$ (243,917)	\$ (259,873)	\$ 1,212,056
County bonds issued in 2004 as part of the Series 1993 refunding that matured at \$561,000 in 2014 bearing interest at 5%	561,955	-	(561,955)	-	-
County bonds issued in 2008 Series C as part of the Series 1996C refunding that mature annually ranging from \$240,000 to \$275,000 from 2015 to 2017 bearing interest from 3.75% to 4%	1,060,000	-	(280,000)	(275,000)	505,000
Add: Deferred gain on refunding, net	<u>15,431</u>	<u>-</u>	<u>(15,431)</u>	<u>-</u>	<u>-</u>
Long-term capital lease liabilities	<u>\$ 3,353,232</u>	<u>\$ -</u>	<u>\$ (1,101,303)</u>	<u>\$ (534,873)</u>	<u>\$ 1,717,056</u>

7. CAPITAL LEASES (Continued)

The following is a schedule of the future minimum lease payments under the capital leases as of December 31, 2015:

	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 540,337	\$ 79,363	\$ 619,700
2017	533,783	52,190	585,973
2018	312,240	29,209	341,449
2019	<u>330,696</u>	<u>9,921</u>	<u>340,617</u>
	<u>\$ 1,717,056</u>	<u>\$ 170,683</u>	<u>\$ 1,887,739</u>

8. WATER REVENUE BONDS

The Authority has entered into Trust Indentures under which all outstanding bonds have been issued. The Trust Indentures pledge all revenues and other income collected by the Authority for payment of principal and interest on the bonds. The Trust Indentures also generally require establishment of a trust fund called "the water system revenue fund," for which the Authority acts as a trustee, into which all revenue is to be deposited, as well as a debt service reserve fund under which the Authority is required to maintain deposit amounts sufficient to cover the annual debt service or provide a surety bond (as defined in the Trust Indentures) of its bonds. The Authority covenants in its indenture that it will establish water rates sufficient to cover the sum of: (1) 1.2 times debt service, (2) expenses of operating, maintaining, renewing and replacing the water system and maintaining the debt service reserve fund, and (3) any additional amounts required to pay all other charges payable from the Authority's revenue. As of December 31, 2015 and 2014, the Authority is in compliance with its financial covenants.

Of the 1993 Series B bonds, \$667,836 or 85.62% of the outstanding bonds at December 31, 2015 is payable by the County to the Authority under the terms of the Construction Services Agreement between the County and the Authority dated December 21, 1990. In addition, the entire \$20,000,000 of the 2001 Series was payable by Genesee County to the Authority under the terms of the Construction Services Agreement between Genesee County and the Authority dated May 24, 2000. The first principal payment on the 2001 Series was made in 2006. During 2007, the bonds were advance refunded by the Authority on behalf of Genesee County with the issuance of the Series 2007 Bonds.

The second refunding of the Series 2007D Bonds by the Authority for the initial Genesee County Project closed on August 13, 2015. The \$16,425,000 bond was part of the New York State Environmental Facilities Corporation issue of \$367,455,000 State Clean Water & Drinking Water Revolving Fund Revenue Bonds Series 2015D, dated August 13, 2015. This refinancing and its associated costs will save Genesee County over \$2,700,000 over the term of the bond. The entire \$16,425,000 of the 2015D Series is payable by Genesee County to the Authority under the Construction Services Agreement between Genesee County and the Authority dated May 24, 2000. In addition, the bond refunding resulted in present value savings of \$1,470,817.

8. WATER REVENUE BONDS (Continued)

In 2010, the Authority issued the 2010 Series bonds which refunded the 1993 Series A bonds and the 1997 bonds. This refinancing and its associated costs were paid by the Authority and will save the Authority approximately \$773,000 over the term of the bond. In addition, the bond refunding resulted in an economic gain on refunding of \$680,000. The excess of the net carrying amount of the refunded bonds over the reacquisition price in the amount of \$527,039 has been deferred and was allocated between bond premium and deferred gain on refunding and is being amortized over the term of the new bonds using the straight-line method through 2035.

At December 31, 2015, approximately \$485,000 of the deferred amount on refunding was included in deferred outflows on the statement of net position. For the year ended December 31, 2015, interest expense was \$7,516,112 on the water revenue bonds. Cash paid for interest was \$7,571,000 during the year ended December 31, 2015.

8. WATER REVENUE BONDS (Continued)

Long-term water revenue bond activity for the year ended December 31, 2015 was as follows:

	<u>Beginning Balance</u>	<u>Increases</u>	<u>Decreases</u>	<u>Due Within One Year</u>	<u>Due After One Year</u>
Bonds issued in 1993 Series B that mature in an annual amount of 825,000 in 2016 bearing interest at 5.25%	\$ 1,605,000	\$ -	\$ (780,000)	\$ (825,000)	\$ -
Bonds issued in 2015 as part of refunding that mature in annual amounts ranging from \$570,000 to \$1,115,000 from 2016 to 2036 bearing interest ranging from 4.082% to 4.97%	-	16,425,000	(565,000)	(570,000)	15,290,000
Bonds issued in 2007 as part of refunding that mature in annual amounts ranging from \$565,000 to \$1,115,000 from 2015 to 2036 bearing interest ranging from 4.082% to 4.97%	16,425,000	-	(16,425,000)	-	-
Bonds issued in 2010 as part of refunding that mature in annual amounts ranging from \$205,000 to \$1,230,000 from 2016 to 2035 bearing interest ranging from 3.5% to 4.5%	9,615,000	-	(980,000)	(1,015,000)	7,620,000
Bonds issued in 2010 Series A that mature in annual amounts ranging from \$335,000 to \$1,250,000 from 2016 to 2017 bearing interest ranging from 2.19% to 2.6%	1,585,000	-	-	(335,000)	1,250,000
Bonds issued in 2010 Series B as part of refunding that mature in annual amounts ranging from \$2,300,000 to \$5,775,000 from 2018 to 2042 bearing interest ranging from 4.49% to 6.34%	92,915,000	-	-	-	92,915,000
Bonds issued in 2012 that mature in annual amounts ranging from \$170,000 to \$410,000 from 2016 to 2037 bearing interest ranging from 3.0% to 5.0%	6,135,000	-	(160,000)	(170,000)	5,805,000
Bonds issued in 2013 that mature in annual amounts ranging from \$470,000 to \$960,000 from 2016 to 2042 bearing interest ranging from 0.2% to 4.69%	17,060,341	-	(465,341)	(470,000)	16,125,000
Add: Bond premium	<u>1,383,288</u>	<u>-</u>	<u>(81,871)</u>	<u>-</u>	<u>1,301,417</u>
Long-term water revenue bond liabilities	<u>\$ 146,723,629</u>	<u>\$ 16,425,000</u>	<u>\$ (19,457,212)</u>	<u>\$ (3,385,000)</u>	<u>\$ 140,306,417</u>

9. WATER REVENUE BONDS (Continued)

Long-term water revenue bond activity for the year ended December 31, 2014 was as follows:

	Beginning <u>Balance</u>	<u>Increases</u>	<u>Decreases</u>	Due Within <u>One Year</u>	Due After <u>One Year</u>
Bonds issued in 1993 Series B that mature in annual amounts ranging from \$780,000 to \$825,000 from 2015 to 2016 bearing interest at 5.25%	\$ 2,345,000	\$ -	\$ (740,000)	\$ (780,000)	\$ 825,000
Bonds issued in 2007 as part of refunding that mature in annual amounts ranging from \$565,000 to \$1,115,000 from 2015 to 2036 bearing interest ranging from 4.082% to 4.97%	16,985,000	-	(560,000)	(565,000)	15,860,000
Bonds issued in 2010 as part of refunding that mature in annual amounts ranging from \$930,000 to \$2,080,000 from 2015 to 2035 bearing interest ranging from 3.5% to 4.5%	10,545,000	-	(930,000)	(980,000)	8,635,000
Bonds issued in 2010 Series A that mature in annual amounts ranging from \$25,000 to \$1,275,000 from 2015 to 2017 bearing interest ranging from 2.19% to 2.6%	1,585,000	-	-	-	1,585,000
Bonds issued in 2010 Series B as part of refunding that mature in annual amounts ranging from \$25,000 to \$1,275,000 from 2015 to 2042 bearing interest ranging from 4.49% to 6.34%	92,915,000	-	-	-	92,915,000
Bonds issued in 2012 that mature in annual amounts ranging from \$160,000 to \$410,000 from 2015 to 2037 bearing interest ranging from 4.0% to 5.0%	6,290,000	-	(155,000)	(160,000)	5,975,000
Bonds issued in 2013 that mature in annual amounts ranging from \$465,341 to \$960,000 from 2015 to 2042 bearing interest ranging from 0.67% to 4.69%	17,525,341	-	(465,000)	(465,341)	16,595,000
Add: Bond premium	<u>1,465,157</u>	<u>-</u>	<u>(81,869)</u>	<u>-</u>	<u>1,383,288</u>
Long-term water revenue bond liabilities	<u>\$ 149,655,498</u>	<u>\$ -</u>	<u>\$ (2,931,869)</u>	<u>\$ (2,950,341)</u>	<u>\$ 143,773,288</u>

8. WATER REVENUE BONDS (Continued)

The following is a schedule of the future minimum payments under the water revenue bonds as of December 31, 2015:

	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 3,385,000	\$ 7,451,888	\$ 10,836,888
2017	3,530,000	7,332,656	10,862,656
2018	4,375,000	7,217,546	11,592,546
2019	4,860,000	7,058,362	11,918,362
2020	3,925,000	6,866,545	10,791,545
2021 - 2025	21,505,000	31,797,825	53,302,825
2026 - 2030	25,790,000	25,990,656	51,780,656
2031 - 2035	31,425,000	18,440,859	49,865,859
2036 - 2040	30,400,000	9,610,830	40,010,830
2041 - 2042	<u>13,195,000</u>	<u>1,237,218</u>	<u>14,432,218</u>
	<u>\$ 142,390,000</u>	<u>\$ 123,004,385</u>	<u>\$ 265,394,385</u>

9. PENSION PLAN

New York State and Local Employees' Retirement System Plan Description

The Authority participates in the New York State Employees' Retirement System (NYSERS) also referred to as New York State and Local Retirement System (the System). This is a cost-sharing, multiple employer public employee retirement system, providing retirement benefits as well as death and disability benefits. The net position of the System is held in the New York State Common Retirement Fund (the Fund), established to hold all net position and record changes in plan net position allocated to the System. System benefits are established under the provisions of the New York State Retirement and Social Security Law (NYS RSSL). Once an employer elects to participate in the System, the election is irrevocable. The New York State Constitution provides that pension membership is a contractual relationship and plan benefits cannot be diminished or impaired. Benefits can be changed for future members only by enactment of a State statute. The Authority also participates in the Public Employees' Group Life Insurance Plan (GLIP), which provides death benefits in the form of life insurance. The System is included in the State's financial report as a pension trust fund. That report, including information with regard to benefits provided, may be found at www.osc.state.ny.us/retire/publications/index.php or obtained by writing to the New York State and Local Retirement System, 110 State Street, Albany, New York 12244.

9. PENSION PLAN (Continued)

New York State and Local Employees' Retirement System Plan Description (Continued)

The System is noncontributory for the employees who joined prior to July 27, 1976. For employees who joined the Systems after July 27, 1976, and prior to January 1, 2010, employees contribute 3% of their salary, except that employees in the Systems more than ten years are no longer required to contribute. For employees who joined after January 1, 2010 and prior to April 1, 2012, employees in NYSERS contribute 3% of their salary throughout their active membership. For employees who joined after April 1, 2012, employees contribute 3% of their salary until April 1, 2013 and then contribute 3% to 6% of their salary throughout their active membership. The Comptroller annually certifies the actuarially determined rates expressly used in computing the employers' contributions based on salaries paid during the System's fiscal year ending March 31. Contributions for the current year and two preceding years were equal to 100 percent of contributions required, and were as follows:

NYSERS

2015	\$ 2,628,166
2014	\$ 2,975,247
2013	\$ 2,476,883

\$657,042 of the cash paid for NYSERS, represents amounts owed for the period of January 1 - March 31, 2016 and is shown as prepaid expenses on the accompanying balance sheet.

Pension Liabilities, Pension Expense, and Deferred Outflows/Inflows of Resources Related to Pensions

At December 31, 2015, the Authority reported a net pension liability of \$2,021,835 for its proportionate share of the NYS ERS net pension liability. The net pension liability was measured as of March 31, 2015, and the total pension liability used to calculate the net pension liability was determined by the actuarial valuations as of that date. The Authority's proportion of the net pension liability was based on a projection of the Authority's long-term share of contributions to the pension plan relative to the projected contributions of all participating members, actuarially determined.

At December 31, 2015, the Authority's proportion was .0598487%, which was an increase from 0% from its proportion at share measured at December 31, 2014.

9. Pension Plans (Continued)

Pension Liabilities, Pension Expense, and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)

For the year ended December 31, 2015, the Authority recognized pension expense of \$2,628,166. At December 31, 2015, the Authority reported deferred outflows/inflows of resources related to pensions from the following sources:

	<u>Deferred Outflows of Resources</u>
Differences between expected and actual experience	\$ 64,721
Net difference between projected and actual earnings on pension plan investments	351,167
Changes in proportion and differences between the Authority's contributions and proportionate share of contributions	37,548
Contributions subsequent to the measurement date	<u>2,628,166</u>
Total	<u>\$ 3,081,602</u>

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Plan's Year Ended March 31:

2016	\$ 113,359
2017	113,359
2018	113,359
2019	<u>113,359</u>
	<u>\$ 453,436</u>

The Authority recognized \$2,628,166 as a deferred outflow of resources related to pensions resulting from contributions made subsequent to the measurement date of March 31, 2015 which will be recognized as a reduction of the net pension liability in the year ended December 31, 2016.

Actuarial Assumptions

The total pension liability at March 31, 2015 was determined by using an actuarial valuation as of April 1, 2014, with update procedures used to roll forward the total pension liability to March 31, 2015. The total pension liability for the March 31, 2014 measurement date was determined by using an actuarial valuation as of April 1, 2014.

9. PENSION PLANS (Continued)

Actuarial Assumptions (Continued)

The actuarial valuation used the following actuarial assumptions:

Actuarial cost method	Entry age normal
Inflation	2.70%
Salary scale	4.9% indexed by service
Projected COLAs	1.4% compounded annually
Decrements	Developed from the Plan's 2010 experience study of the period April 1, 2005 through March 31, 2010
Mortality improvement	Society of Actuaries Scale MP-2014
Investment Rate of Return	7.5% compounded annually, net of investment expenses

The long-term expected rate of return on pension plan investments was determined in accordance with Actuarial Standard of Practice (ASOP) No. 27, Selection of Economic Assumptions for Measuring Pension Obligations. ASOP No. 27 provides guidance on the selection of an appropriate assumed investment rate of return. Consideration was given to expect future real rates of return (expected returns, net of pension plan investment expense and inflation) for equities and fixed income as well as historical investment data and plan performance.

Best estimates of arithmetic real rates of return for each major asset class included in the target asset allocation as of March 31, 2015 are summarized below:

Asset Type	Target Allocations in %	Long-Term expected real rate of return in %
Domestic Equity	38	7.30
International Equity	13	8.55
Private Equity	10	11.00
Real Estate	8	8.25
Absolute Return	3	6.75
Opportunistic Portfolio	3	8.60
Real Asset	3	8.65
Bonds & Mortgages	18	4.00
Cash	2	2.25
Inflation-Indexed Bonds	2	4.00
	<u>100%</u>	

Discount Rate

The discount rate used to calculate the total pension liability was 7.5%. The projection of cash flows used to determine the discount rate assumes that contributions from plan members will be made at the current contribution rates and that contributions from employers will be made at statutorily required rates, actuarially. Based upon the assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore the long term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

9. PENSION PLANS (Continued)

Sensitivity of the Proportionate Share of the Net Pension Liability to the Discount Rate Assumption

The following presents the Authority's proportionate share of the net pension liability calculated using the discount rate of 7.5%, as well as what the Authority's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1% lower (6.5%) or 1% higher (8.5%) than the current rate:

	1% Decrease <u>6.50%</u>	Current Discount <u>7.50%</u>	1% Increase <u>8.50%</u>
Proportionate Share of Net Pension liability (asset)	<u>\$ 13,476,406</u>	<u>\$ 2,021,835</u>	<u>\$ (7,648,663)</u>

Pension Plan Fiduciary Net Position (000's)

The components of the current-year net pension liability of the employers as of March 31, 2015 were as follows:

Total pension liability	\$ 164,591,504
Net position	<u>(161,213,259)</u>
Net pension liability (asset)	<u>\$ 3,378,245</u>
ERS net position as a percentage of total pension liability	97.90%

10. POSTEMPLOYMENT HEALTH CARE BENEFITS

Plan Description

The Authority provides certain health care benefits for retired employees. The Authority administers the Retirement Benefits Plan (the "Retirement Plan") as a single-employer defined benefit Other Postemployment Benefit Plan (OPEB). In general, the Authority provides health care benefits for those retired personnel who are eligible for a pension through the New York State Employees' Retirement System (ERS). The Retirement Plan can be amended by action of the Authority subject to applicable collective bargaining and employment agreements.

The number of retired employees currently eligible to receive benefits at December 31, 2015 was 134. The Retirement Plan does not issue a stand-alone financial report since there are no assets legally segregated for the sole purpose of paying benefits under the Plan.

Funding Policy

The obligations of the Retirement Plan are established by action of the Authority pursuant to applicable collective bargaining and employment agreements. The required premium contribution rates of retirees range from 0% to 10%, depending on when the employee was hired. The Authority will pay its portion of the premium for the retiree and spouse for the lifetime of the retiree. The costs of administering the Retirement Plan are paid by the Authority. The Authority currently contributes enough money to the Retirement Plan to satisfy current obligations on a pay-as-you-go basis to cover annual premiums.

10. POSTEMPLOYMENT HEALTH CARE BENEFITS (Continued)

Annual OPEB Cost and Net OPEB Obligation

The Authority's annual OPEB cost is calculated based on the annual required contribution of the employer (ARC), an amount actuarially determined in accordance with generally accepted accounting principles. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover the normal cost each year plus the amortization of the unfunded actuarial accrued liability over a period not to exceed 30 years. The following table shows the components of the Authority's annual OPEB cost for the year, the amount actually contributed to the Retirement Plan, and the changes in the Authority's net OPEB obligation:

	<u>2015</u>	<u>2014</u>
Annual required contribution	\$ 4,794,151	\$ 3,434,495
Interest on net OPEB obligation	675,861	558,441
Adjustment to ARC	<u>(879,315)</u>	<u>(726,548)</u>
Annual OPEB cost	4,590,697	3,266,388
Contributions made	<u>(1,465,852)</u>	<u>(1,256,705)</u>
Increase in net OPEB obligation	3,124,845	2,009,683
Net OPEB obligation - beginning of year	<u>13,517,223</u>	<u>11,507,540</u>
Net OPEB obligation - end of year	<u>\$ 16,642,068</u>	<u>\$ 13,517,223</u>

Trend Information

The following table provides trend information for the Retirement Plan:

<u>Year Ended</u>	<u>Annual OPEB Cost</u>	<u>Actual Employer Contribution</u>	<u>Percent Contributed</u>	<u>Net OPEB Obligation</u>
2015	\$ 4,590,697	\$ 1,465,852	31.9%	\$ 16,642,068
2014	\$ 3,266,388	\$ 1,256,705	38.5%	\$ 13,517,223
2013	\$ 3,149,950	\$ 1,188,935	37.7%	\$ 11,507,540

Funded Status

The projection of future benefits for an ongoing plan involves estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status of the Retirement Plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The Retirement Plan is currently not funded.

10. POSTEMPLOYMENT HEALTH CARE BENEFITS (Continued)

Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the substantive plan as understood by the employer and plan members and include the types of benefits provided at the time of the valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

In the January 1, 2015 actuarial valuation, the following methods and assumptions were used:

Actuarial cost method	Projected unit credit
Discount rate*	5.0%
Inflation rate	2.25%
Medical care cost trend rate	8.0%, or 6.0% initially, based on age of employees and type of plan chosen. The rate is reduced by decrements each year to an ultimate rate of 3.886% in 2075.
Prescription drug trend rate	9.0% initially, reduce by decrements each year to an ultimate rate of 3.886% in 2075.
Dental care cost trend rate	4%
Unfunded actuarial accrued liability:	
Amortization period	30 years
Amortization method	Level dollar
Amortization basis	Open

* As the plan is unfunded, the assumed discount rate considers that the Authority's investment assets are low risk in nature, such as money market funds or certificates of deposit.

11. COMMITMENTS AND CONTINGENCIES

Commitments

The Authority has entered into agreements with various water districts, towns and villages whereby the Authority obtains the use of the water facilities and agrees to provide water services to the residents of such districts. A number of these agreements require payments to be made by the Authority equal to the interest and principal due each year on the districts' outstanding debt related to the leased facilities. These agreements are classified as operating leases in the accompanying financial statements and recorded as a component of operating expenses. Any improvements to these facilities are capitalized by the Authority.

Amounts due under these commitments are summarized as follows for the years ending December 31:

2016	\$	44,663
2017		43,725
2018		42,694
2019		41,569
2020		40,444
2021 - 2023		<u>113,789</u>
	\$	<u><u>326,884</u></u>

Total rental expense charged to operations amounted to \$50,438 and \$51,428 during the years ended December 31, 2015 and 2014, respectively.

The Authority has entered into a Water System Construction/Operation Agreement with Genesee County to finance, construct, own, operate and supply water service in the County of Genesee. The Authority plans to develop the Genesee County project in two phases.

Phase I of the project involved the construction of approximately thirty-five miles of water mains financed with the proceeds of the 2001 Series Water Revenue Bonds and capital grants from state and federal agencies (See further disclosure in Note 8). Expenditures of \$24,061,115 were incurred for this project since Phase I was completed in 2004.

Phase II of the project has not yet started but will include an additional water main connection to the Authority's system in several towns of Genesee and Monroe Counties. There have been no expenditures incurred for Phase II of the project.

11. COMMITMENTS AND CONTINGENCIES (Continued)

Commitments (Continued)

The Authority has entered into an agreement with the County for the County to provide certain public security and safety services to the Authority from January 1, 2010 through December 31, 2029.

Amounts due under this agreement are summarized as follows for the years ended December 31:

2016	\$ 1,850,000
2017	1,850,000
2018	1,850,000
2019	1,850,000
2020	1,350,000
2021 - 2025	6,750,000
2026 - 2029	<u>4,850,000</u>
	<u>\$ 20,350,000</u>

The Authority expensed \$1,650,000 and \$1,500,000 under this agreement during the years ended December 31, 2015 and 2014, respectively.

The Authority has entered into a water exchange agreement with the City of Rochester, New York (the City). A stipulation of the agreement requires the City to replace its Rush Reservoir with covered storage of water. After completion of the project the Authority is required to pay for 54% of the project, not to exceed a total project cost of \$9,000,000. The Authority's maximum commitment is \$4,860,000 over 20 years.

Amounts due under this agreement are summarized as follows for the years ended December 31:

2016	\$ 243,000
2017	243,000
2018	243,000
2019	243,000
2020	243,000
2021 - 2025	1,215,000
2026 - 2030	1,215,000
2031 - 2033	<u>729,000</u>
	<u>\$ 4,374,000</u>

The Authority expensed \$243,000 under this agreement during the years ended December 31, 2015 and 2014.

Contingencies

The Authority is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; life and health of employees; and natural disasters. The Authority has various insurance policies with third-party carriers related to property protection, casualty and statutory and non-statutory employee protection.

The Authority is subject to litigation in the ordinary conduct of its affairs. Management does not believe, however, that such litigation, individually or in the aggregate, is likely to have a material adverse effect on the financial condition of the Authority.

11. COMMITMENTS AND CONTINGENCIES (Continued)

Contingencies (Continued)

The Authority is subject to litigation in the ordinary conduct of its affairs. Management does not believe, however, that such litigation, individually or in the aggregate, is likely to have a material adverse effect on the financial condition of the Authority.

12. SELF-INSURANCE

Beginning January 1, 2010, the Authority elected to be self-insured for workers' compensation claims. The Authority transfers its risk of loss through the purchase of commercial insurance for workers' compensation benefits up to a maximum aggregate of \$5,000,000, subject to a deductible of \$400,000 per occurrence. Claim expenses and liabilities are reported when it is probable that a loss has occurred and the amount of that loss can be reasonably estimated. At December 31, 2015 and 2014, there were no liabilities recorded for workers' compensation claims.

13. RELATED PARTY TRANSACTIONS

The Authority has a contract with Monroe County (the County) which states that the County will supply the Authority with power and natural gas. The contract states that the Authority will purchase power and gas from the County at market value, plus a .6% service fee each year through August 31, 2020. For the years ended December 31, 2015 and 2014, the Authority paid approximately \$3,500,000 and \$4,160,000, respectively, to the County under the terms of this agreement.

14. IMPACT OF FUTURE GASB PRONOUNCEMENTS

In February 2015, the GASB issued Statement No. 72, *Fair Value Measurement and Application*. The objective of this Statement addresses accounting and financial reporting issues related to fair value measurements. The definition of *fair value* is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. This Statement provides guidance for determining a fair value measurement for financial reporting purposes. This Statement also provides guidance for applying fair value to certain investments and disclosures related to all fair value measurements. The Authority is required to adopt the provisions of this Statement for the year ending December 31, 2016.

14. IMPACT OF FUTURE GASB PRONOUNCEMENTS (Continued)

In June 2015, the GASB issued Statement No. 75 *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. Statement No. 75 replaces the requirements of Statements No. 45, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*, as amended, and No. 57, *OPEB Measurements by Agent Employers and Agent Multiple-Employer Plans*, for OPEB. Statement No. 74, *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*, establishes new accounting and financial reporting requirements for OPEB plans. The Authority is required to adopt the provisions of this Statement for the year ending December 31, 2018, with early adoption encouraged.

In June 2015, the GASB issued Statement No. 76, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments* which supersedes Statement No. 55, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments* and amends Statement No. 62, *Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements*, paragraphs 64, 74, and 82. Statement No. 76 reduces the number of categories of authoritative generally accepted accounting principles (GAAP) hierarchy and the framework for selecting those principles to two categories. The primary category "Category A" will consist of officially established GASB Statements and GASB Interpretations heretofore issued and currently in effect. The second category "Category B" will consist of GASB Technical Bulletins, GASB Implementation Guides when presented in the form of a *Comprehensive Implementation Guide*, and literature of the AICPA cleared by the GASB. The goal of Statement No. 76 is to help governments apply financial reporting guidance with less variability, therefore improving usefulness and comparability of financial statement information among state and local governments. The Authority is required to adopt the provisions of Statement No. 76 for the year ending December 31, 2016, and should be adopted retroactively, with early adoption permitted.

The Authority's management has not yet assessed the impact of these statements on its future financial statements.

REQUIRED SUPPLEMENTARY INFORMATION

MONROE COUNTY WATER AUTHORITY

**SCHEDULE OF FUNDING PROGRESS - OTHER POSTEMPLOYMENT BENEFITS PLAN
FOR THE YEAR ENDED DECEMBER 31, 2015**

<u>Actuarial Valuation Date</u>	<u>Year Ended</u>	<u>(a) Actuarial Value of Assets</u>	<u>(b) Actuarial Accrued Liability (AAL)</u>	<u>(b-a) Unfunded AAL (UAAL)</u>	<u>(a/b) Funded Ratio</u>	<u>(c) Covered Payroll</u>	<u>((b-a)/c) UAAL as a percentage of Covered Payroll</u>
1/1/2015	12/31/2015	\$ -	\$ 46,100,791	\$ 46,100,791	0.00%	\$ 15,676,570	294.1%
1/1/2013	12/31/2014	\$ -	\$ 40,499,156	\$ 40,499,156	0.00%	\$ 15,659,732	258.6%
1/1/2013	12/31/2013	\$ -	\$ 33,434,116	\$ 33,434,116	0.00%	\$ 14,718,831	227.2%

MONROE COUNTY WATER AUTHORITY
(A Discretely Presented Component Unit of the County of Monroe, New York)

SCHEDULE OF PROPORTIONATE SHARE OF NET PENSION LIABILITY (ASSET)
FOR THE YEAR ENDED DECEMBER 31, 2015

	Last 10 Fiscal Years (Dollar amounts displayed in thousands)									
	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
NEW YORK STATE EMPLOYEES' RETIREMENT SYSTEM PLAN										
Proportion of the net pension liability (asset)	0.001%									
Proportionate share of the net pension liability (asset)	\$2,021,835									
Covered-employee payroll	\$ 14,724,692									
Proportionate share of the net pension liability (asset)										
as a percentage of its covered-employee payroll	13.73%									
Plan fiduciary net position as a percentage of the total pension liability (asset)	97.90%									

Information for the periods prior to implementation of GASB 68 is unavailable and will be completed for each year going forward as they become available.

MONROE COUNTY WATER AUTHORITY
(A Discretely Presented Component Unit of the County of Monroe, New York)

SCHEDULE OF CONTRIBUTIONS - PENSION PLANS
FOR THE YEAR ENDED DECEMBER 31, 2015

	Last 10 Fiscal Years (Dollar amounts displayed in thousands)									
	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
NEW YORK STATE EMPLOYEES' RETIREMENT SYSTEM PLAN										
Contractually required contribution	\$ 2,975,247									
Contributions in relation to the contractually required contribution	<u>2,975,247</u>									
Contribution deficiency (excess)	<u>\$ -</u>									
Covered-employee payroll	\$ 14,724,692									
Contributions as a percentage of covered-employee payroll	20.21%									

Information for the periods prior to implementation of GASB 68 is unavailable and will be completed for each year going forward as they become available.

**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER
MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS
PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING
STANDARDS**

March 4, 2016

To the Board of Directors of
Monroe County Water Authority:

We have audited, in accordance with the 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, the financial statements of the Monroe County Water Authority (the Authority), a public benefit corporation of the State of New York and a discretely presented component unit of the County of Monroe, New York, as of and for the year ended December 31, 2015, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, and have issued our report thereon dated March 4, 2016.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Authority's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. *A material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. *A significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

171 Sully's Trail, Suite 201
Pittsford, New York 14534
p (585) 381-1000
f (585) 381-3131

www.bonadio.com

**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING
AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL
STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***
(Continued)

Compliance and Other Matters

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

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Real Property Disposals for 2015

The Monroe County Water Authority, as of the date of this report submission, does not intend to dispose of any real property having an estimated fair market value in excess of \$15,000. Additionally, the Authority did not dispose of any real property having a fair market value in excess of \$15,000 during calendar year 2015.



Monroe County Water Authority

Yearly Property Report

For January 1, 2015 through December 31, 2015

Yearly Property Report

In accordance with Monroe County Water Authority Disposal Guidelines, readopted November 2015, following is a yearly property report for MCWA property sold from January 2015 through December 2015.

<u>Description of Item Sold</u>	<u>Price Paid for Item Sold</u>	<u>Purchaser</u>
2004 Ford F-450	\$5,000.00	Occhino Corporation Buffalo, New York 14224
2005 Chevrolet Trailblazer LS	\$5,000.00	Countryview Truck & Auto LLC Bucyrus, Ohio 44820
2010 Ford F-150 XL	\$9,000.00	Rochester Auto Exchange Rochester, New York 14623
2009 Ford F250 SD	\$8,750.00	Steel Tech Fabrications, Inc. Rochester, New York 14621
2008 Chevrolet 2500 HD	\$10,750.00	Robert Sapp Farm Marion, New York 14505
2011 Ford 250 SD	\$14,500.00	Mike's Auto Sales Rochester, New York 14608
2008 Chevrolet 2500 HD	\$12,000.00	Michael A Scott Pittsford, New York 14534

											Vendor Address					
Vendor Name	Procurement Description	Type of Procurement	Award Process	Award Date	Does the contract have an end date?	End Date	Amount	Amount Expended For Fiscal Year	Fair Market Value	Explain why the fair market value is less than the contract amount	Address					
											Address Line 1	Address Line 2	City	State	Postal Code	Province/Region
B4 LUMBER	LUMBER FOR ST PAUL BPS	Commodities/Supplies	Purchased Under State Contract					7029.85			PO BOX 365		EIGHTY FOUR	PA	15330	USA
AARON PRESTONS LANDSCAPE	LAWN RESTORATION	Design and Construction/Maintenance	Authority Contract - Competitive Bid	8-Mar-12	N		280500	17128.56			PO BOX 567		WEBSTER	NY	14580	USA
ADECCO ENGINEERING & TECHNICAL	TEMPORARY EMPLOYEE	Commodities/Supplies	Authority Contract - Competitive Bid	14-Mar-15	Y	14-Mar-16	16489.62	16489.62			PO BOX 371084		PITTSBURGH	PA	15250	USA
ADMAR SUPPLY CO INC	EQUIPMENT RENTAL, MARKING PAINT, MISC PARTS	Commodities/Supplies	Non Contract Procurement/Purchase Order					37175.48			1950 BRIGHTON HENRIETTA TL ROAD		ROCHESTER	NY	14623 2510	USA
ADMAR SUPPLY CO INC	SMALL TO MEDIUM EQUIPMENT RENTAL	Commodities/Supplies	Purchased Under State Contract					898.55			1950 BRIGHTON HENRIETTA TL ROAD		ROCHESTER	NY	14623 2510	USA
ADMAR SUPPLY CO INC	WATSON ROAD	Design and Construction/Maintenance	Authority Contract - Non-Competitive Bid	6-Aug-15	N		1695	1695	1695		1950 BRIGHTON HENRIETTA TL ROAD		ROCHESTER	NY	14623 2510	USA
ALS MAINTENANCE	WA 031306 2015 GRASS CUTTING	Design and Construction/Maintenance	Authority Contract - Competitive Bid	19-Apr-14	Y	18-Apr-16	46922.36	46922.36			328 JORDAN AVENUE		ROCHESTER	NY	14606	USA
AMAAWALI CONSULTING GROUP LLC	PROFESSIONAL SERVICES	Consulting Services	Authority Contract - Competitive Bid	14-Jan-10	N		27229	27229			SUITE 707A		NEW YORK	NY	10004	USA
AMERICAN CASTING	COPPER CUP SEALS FOR 1 INCH METERS	Commodities/Supplies	Authority Contract - Non-Competitive Bid	18-Feb-15	N		7835.62	7835.62	7835.62		51 COMMERCIAL STREET		PLAINVIEW	NY	11803	USA
AMERICAN EQUIPMENT LLC	CAT 336 EXCAVATOR RENTAL	Commodities/Supplies	Authority Contract - Non-Competitive Bid	18-Sep-15	N		3700	3700	3700		6112 COLLETT ROAD WEST		FARMINGTON	NY	14425	USA
AMERICAN EQUIPMENT LLC	EXCAVATOR, BULL DOZER RENTAL	Commodities/Supplies	Non Contract Procurement/Purchase Order					7575			6112 COLLETT ROAD WEST		FARMINGTON	NY	14425	USA
AMERICAN ROCK SALT COMPANY LLC	ROCK SALT	Commodities/Supplies	Purchased Under State Contract					5115.59			PO BOX 536188		PITTSBURGH	PA	15253	USA
AMERICAN WATER WORKS ASSOC.	AWWA DUES	Other	Non Contract Procurement/Purchase Order					9284			PO BOX 972997		DALLAS	TX	75397 2997	USA
AMSTAR OF WESTERN NY	TANK PAINTING-CORFU & SPENCERPORT	Design and Construction/Maintenance	Authority Contract - Competitive Bid	1-Oct-14	N		987000	456032.88			825 REIN ROAD		CHEEKTOWAGA	NY	14225	USA
ANALYTICAL SERVICES INC	CRYPTOSPORIDIUM AND GIARDIA ANALYSIS	Other Professional Services	Authority Contract - Competitive Bid	1-May-15	Y	30-Apr-17	9545	6440			15300 BOTHELL WAY NE		LAKE FOREST	WA	98155	USA
ANIXTER INC	FIBER CONNECTIONS - PHONE TO SCADA-SWTP	Commodities/Supplies	Purchased Under State Contract					3602.77			PO BOX 847428		DALLAS	TX	75284 7428	USA
ANIXTER INC	UNINTERRUPTABLE POWER SUPPLY-NEW INSTALL	Commodities/Supplies	Non Contract Procurement/Purchase Order					4318.71			PO BOX 847428		DALLAS	TX	75284 7428	USA
ARCADIS US INC	2015 ENVIRONMENTAL SERVICES	Consulting Services	Authority Contract - Competitive Bid	26-Jan-16	N		50382.65	50382.65			62638 COLLECTIONS CENTER DRIVE		CHICAGO	IL	60693	USA
ARCADIS US INC	ENGINEERING SERVICES SE RELIABILITY PROJECT	Design and Construction/Maintenance	Authority Contract - Competitive Bid	11-Jun-09	N		225000	81531.14			62638 COLLECTIONS CENTER DRIVE		CHICAGO	IL	60693	USA
ASSOCIATION OF METROPOLITAN	METROPOLITAN WATER DUES 2015	Other	Non Contract Procurement/Purchase Order					8712.45			16201 STREET NW SUITE 500		WASHINGTON	DC	20006	USA
AUBURN ARMATURE INC	MOTOR REPAIR - LEE RD PUMP 2	Commodities/Supplies	Purchased Under State Contract					7669			PO BOX 1744		ALBANY	NY	12201	USA
AUBURN ARMATURE INC	25 HORSEPOWER MOTOR	Commodities/Supplies	Non Contract Procurement/Purchase Order					1146.24			PO BOX 1744		ALBANY	NY	12201	USA
AWWA	MEMBERSHIP DUES	Other	Non Contract Procurement/Purchase Order					5475			6666 WEST QUINCY AVENUE		DENVER	CO	80235	USA
B&H PHOTO VIDEO	SWTP AV EQUIPMENT	Commodities/Supplies	Non Contract Procurement/Purchase Order					5767.74			PO BOX 28072		NEW YORK	NY	10087	USA
BENTLEY SYSTEMS INC	WATERCAD RENEWAL	Design and Construction/Maintenance	Authority Contract - Non-Competitive Bid	12-Mar-15	N		7750.5	7750.5	7750.5		PO BOX 828836		PHILADELPHIA	PA	19182	USA
BETTER BUILDING CARE	FLOOR CLEANING SWTP	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order					9891			PO BOX 23403		ROCHESTER	NY	14692	USA
BHS SPECIALTY CHEMICALS	WA 021502 - HYDROFLUOSILICIC ACID	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-15	Y	31-Mar-16	242693	91403.64			PO BOX 636809		CINCINNATI	OH	45263	USA
BISON LABORATORIES INC	WA 021502-SODIUM HYPOCHLORITE	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-15	Y	31-Mar-16	141159	1314632			100 LESLIE STREET		BUFFALO	NY	14211	USA
BISON LABORATORIES INC	CASES OF 12.5 PERCENT HYPOCHLORITE	Commodities/Supplies	Non Contract Procurement/Purchase Order					70284			100 LESLIE STREET		BUFFALO	NY	14211	USA
BLAIR SUPPLY CORP	CURB BOXES	Commodities/Supplies	Authority Contract - Competitive Bid	11-Dec-14	Y	10-Dec-15	55618.75	55618.75			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLAIR SUPPLY CORP	WA 101218 PIPE COUPLINGS	Commodities/Supplies	Authority Contract - Competitive Bid	9-Nov-14	Y	8-Nov-15	42613.6	42613.6			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLAIR SUPPLY CORP	WA 011302 VALVE BOX AND LIDS	Commodities/Supplies	Authority Contract - Competitive Bid	14-Mar-15	Y	13-Mar-16	40320	20334.1			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLAIR SUPPLY CORP	MISCELLANEOUS REPAIR MATERIALS	Commodities/Supplies	Non Contract Procurement/Purchase Order					50988.49			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLAIR SUPPLY CORP	WA 041207 WATER SERVICE MATERIAL BRASS	Commodities/Supplies	Authority Contract - Competitive Bid	17-May-14	Y	16-May-15	54246.85	47171.3			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLAIR SUPPLY CORP	WA 031408 MECH. JOINT FITTINGS GROUP B	Commodities/Supplies	Authority Contract - Competitive Bid	17-May-15	Y	16-May-16	13916.31	6392.75			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLAIR SUPPLY CORP	WA 031510 ANCHOR PIPE	Commodities/Supplies	Authority Contract - Competitive Bid	16-Apr-15	Y	15-Apr-16	10644.16	3446.64			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLAIR SUPPLY CORP	WA 121425 WATER SERVICE MATERIALS	Commodities/Supplies	Authority Contract - Competitive Bid	15-Jan-15	Y	14-Jan-16	31838.35	13651.78			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLAIR SUPPLY CORP	WA 111122 TAPPING SLEEVES	Commodities/Supplies	Authority Contract - Competitive Bid	21-Jan-15	Y	20-Jan-16	22033	4105			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLAIR SUPPLY CORP	WA 031408 MECHANICAL JOINT FITTINGS	Commodities/Supplies	Authority Contract - Competitive Bid	17-May-15	Y	16-May-16	31970.75	10251.5			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLAIR SUPPLY CORP	TAPPING MACHINES	Commodities/Supplies	Authority Contract - Competitive Bid	19-Dec-14	N		27160	25818			785 BEAHAN ROAD		ROCHESTER	NY	14624	USA
BLUE HERON CONSTRUCTION	COUNTY RD 9 -DIP	Design and Construction/Maintenance	Authority Contract - Competitive Bid	4-May-15	N		750311.5	748403.57			9289 BONTA BRIDGE ROAD		JORDAN	NY	13080	USA
BOHUNK ENTERPRISES LLC	THAWING MACHINE HOSE ASSEMBLY	Commodities/Supplies	Authority Contract - Non-Competitive Bid	11-Mar-15	N		1239.28	1239.28	1239.28		10171 SOUTH STREET BEND		LERROY	NY	14482	USA
BOHUNK ENTERPRISES LLC	RENTAL OF THAWING MACHINE	Commodities/Supplies	Authority Contract - Non-Competitive Bid	25-Feb-15	N		5500	5500	5500		10171 SOUTH STREET BEND		LERROY	NY	14482	USA
BOHUNK ENTERPRISES LLC	WA 121421 HYDRANT THAWING	Commodities/Supplies	Authority Contract - Competitive Bid	21-Jan-15	N		45000	45000			10171 SOUTH STREET BEND		LERROY	NY	14482	USA
BONADIO & CO LLP	AUDIT SERVICES	Financial Services	Authority Contract - Competitive Bid	12-Nov-09	N		76740	71000			171 SULLY'S TRAIL		PITTSFORD	NY	14534	USA
BOON & SONS INC	WA 021506 LAWN MOWING	Design and Construction/Maintenance	Authority Contract - Competitive Bid	1-Apr-15	Y	31-Mar-16	10402	10402			PO BOX 370		NORTH CHILI	NY	14514	USA
BOON & SONS INC	MOWING LOCATIONS HONEOYE LIMA WEST BLOOM	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order					5855			PO BOX 370		NORTH CHILI	NY	14514	USA
BOWMAC SOFTWARE INC	UTILITY III EMERGENCIES	Consulting Services	Authority Contract - Non-Competitive Bid	17-Aug-15	Y	16-Aug-16	5433	5433	5433		SUITE 5		HONEOYE FALL	NY	14472	USA
BOYLAN CODE	REAL ESTATE AND PROPERTY SERVICES	Legal Services	Authority Contract - Competitive Bid	12-Nov-09	N		15174.34	15174.34			145 CULVER ROAD		ROCHESTER	NY	14620	USA
BROWN & BROWN OF NY	RENEWAL GENERAL INSURANCE POLICIES	Financial Services	Authority Contract - Competitive Bid	15-Mar-10	Y	15-Mar-15	526183	486804.81			45 EAST AVENUE		ROCHESTER	NY	14605	USA
BUCKPITT & CO INC	EMERGENCY BOILER REPAIR	Commodities/Supplies	Authority Contract - Non-Competitive Bid	6-Oct-15	N		2262.05	2262.05	2262.05		88 UNIVERSITY AVENUE		ROCHESTER	NY	14605	USA
BUCKPITT & CO INC	SWTP HVAC	Commodities/Supplies	Non Contract Procurement/Purchase Order					2808.43			88 UNIVERSITY AVENUE		ROCHESTER	NY	14605	USA
BUFFALO ENVELOPE CO	WA 091519 WATER BILL ENVELOPES	Commodities/Supplies	Authority Contract - Competitive Bid	14-Oct-15	N		32812.24	32812.24			2914 WALDEN AVENUE		DEPEW	NY	14043	USA
BUFFALO ENVELOPE CO	9 x 12 BROWN KRAFT ENVELOPES, #10 ENVELOPES	Commodities/Supplies	Non Contract Procurement/Purchase Order					871.79			2914 WALDEN AVENUE		DEPEW	NY	14043	USA
CARBON ACTIVATED CORP	GAC/ANTHRACITE REPLACEMENT	Commodities/Supplies	Authority Contract - Competitive Bid	7-Jan-15	N		133096	133096			3776 HOOVER ROAD		BLADELL	NY	14219	USA
CDW GOVERNMENT INC	COLOR COPIER, FAX, COPIER, SCANNER-ACCTG	Commodities/Supplies	Purchased Under State Contract					1175.05			75 REMITTANCE DRIVE		CHICAGO	IL	60675 1515	USA
CDW GOVERNMENT INC	HP COLOR PRINTER	Commodities/Supplies	Purchased Under State Contract					1046.63			75 REMITTANCE DRIVE		CHICAGO	IL	60675 1515	USA
CDW GOVERNMENT INC	PRINTING	Commodities/Supplies	Purchased Under State Contract					6613.61			75 REMITTANCE DRIVE		CHICAGO	IL	60675 1515	USA
CDW GOVERNMENT INC	VRANGER SUPPORT, VIRUS PROTECTION	Technology - Software	Non Contract Procurement/Purchase Order					17211.26			PO BOX 5269		ALBANY	NY	12205	USA
CHA DESIGN CONSTRUCTION	FAIRPORT TANK DEMOLITION	Consulting Services	Authority Contract - Competitive Bid	1-Dec-15	N		15000	9000			PO BOX 5269		ALBANY	NY	12205	USA
CHA DESIGN CONSTRUCTION	GRANT APPLICATIONS	Consulting Services	Non Contract Procurement/Purchase Order					8500			PO BOX 5269		DETROIT	MI	48277	USA
CHEMTRADE CHEMICALS US LLC	WA 021401 LIQUID ALUMINUM SULFATE	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-15	Y	31-Mar-16	144900	111057.8			PO BOX 77000		VICTOR	NY	14564	USA
CHRISTA CONSTRUCTION INC	INSPECTION SERVICES	Commodities/Supplies	Authority Contract - Competitive Bid	3-Mar-14	Y	2-Mar-19	363843	363843			119 VICTOR HEIGHTS PARKWAY		VICTOR	NY	14564	USA

CHRISTA CONSTRUCTION INC	CONSTRUCTION MGMT SVC FOR EWP	Design and Construction/Maintenance	Authority Contract - Competitive Bid	11-Aug-05	N		2031938	32959.2		119 VICTOR HEIGHTS PARKWAY	VICTOR	NY	14564	USA
CIGNA LIFE INSURANCE COMPANY	LIFE/ITO INSURANCE PREMIUMS 2015/2016	Commodities/Supplies	Authority Contract - Competitive Bid	1-Jan-15	Y	31-Dec-16	6704.81	6704.81	6704.81	PO BOX 8500	PHILADELPHIA	PA	19178	USA
CIGNA LIFE INSURANCE COMPANY	LIFE/ITO INSURANCE	Financial Services	Authority Contract - Competitive Bid	1-Jan-13	Y	31-Dec-15	36390.23	30895.54		PO BOX 8500	PHILADELPHIA	PA	19178	USA
CITY OF ROCHESTER WATER BUREAU	WATER EXCHANGE PROGRAM-ROCHESTER	Commodities/Supplies	Authority Contract - Competitive Bid	12-Nov-09	N		1235160	974213.98		10 FELIX STREET	ROCHESTER	NY	14608	USA
CITY TREASURER	WATER SUPPLY/EXCHANGE - CITY OF ROCH	Commodities/Supplies	Non Contract Procurement/Purchase Order					243000		10 FELIX STREET	ROCHESTER	NY	14608	USA
CLARK EQUIPMENT DBA	SNOWBLOWER - 72 INCH	Commodities/Supplies	Purchased Under State Contract					4423.9		75 REMITTANCE DRIVE	CHICAGO	IL	60675	USA
CLARK EQUIPMENT DBA	72 INCH BRUSHCAT	Commodities/Supplies	Purchased Under State Contract					4970.4		75 REMITTANCE DRIVE	CHICAGO	IL	60675	USA
CLARK EQUIPMENT DBA	SWEEPER - VEH 140	Commodities/Supplies	Purchased Under State Contract					3163.85		75 REMITTANCE DRIVE	CHICAGO	IL	60675	USA
CLARK EQUIPMENT DBA	BOBCAT COMPACT TRUCK LOADER-REPLACEMENT	Commodities/Supplies	Purchased Under State Contract					32884.3		75 REMITTANCE DRIVE	CHICAGO	IL	60675	USA
CME INCORPORATED	AGITATOR NOZZLE ASSEMBLY AND CHECK VALVES	Commodities/Supplies	Non Contract Procurement/Purchase Order					9899.82		5020 BLUE SKY LANE	CUMMING	GA	30040	USA
CME ASSOCIATES INC	2015 GEOTECHNICAL INVESTIGATION	Design and Construction/Maintenance	Authority Contract - Competitive Bid	13-Aug-09	N		112511	47263.65		PO BOX 5490	SYRACUSE	NY	13220	USA
COMMERCIAL INSURANCE	RISK MGMT AND INS CONSULTING SERVICE	Consulting Services	Authority Contract - Competitive Bid	11-Dec-14	Y	10-Dec-17		8700		5687 MAIN STREET	WILLIAMSVILLE	NY	14221	USA
COMMERCIAL PIPE & SUPPLY CORP	PIPE AND PLUMBING SUPPLIES	Commodities/Supplies	Purchased Under State Contract					5299.25		1920 ELMWOOD AVENUE	BUFFALO	NY	14207	USA
COMPASS MINERALS AMERICA	ROCK SALT	Commodities/Supplies	Non Contract Procurement/Purchase Order					6051.56		PO BOX 277043	ATLANTA	GA	30384	USA
COMPASS MINERALS AMERICA	WA 051309 ROCK SALT - CORFU	Commodities/Supplies	Authority Contract - Competitive Bid	12-Jul-14	Y	11-Jul-15	18300	8583.21		PO BOX 277043	ATLANTA	GA	30384	USA
COOK IRON STORE CO	WA 031508-SAFETY EQUIPMENT	Commodities/Supplies	Authority Contract - Competitive Bid	12-Mar-15	Y	11-Mar-16	18744.48	7822.41		PO BOX 31237	ROCHESTER	NY	14603	1237
COOK IRON STORE CO	PLUMBING SUPPLIES	Commodities/Supplies	Non Contract Procurement/Purchase Order					7178.76		PO BOX 31237	ROCHESTER	NY	14603	1237
COORTECH INC	CORROSION TRAINING & CONTROL PROGRAM	Commodities/Supplies	Authority Contract - Competitive Bid	3-Feb-15	Y	31-Dec-15	15500	15500		25 SOUTH STREET UNIT E	HOPKINTON	MA	1748	USA
CP WARD INC	LABOR AND MATERIAL CONTRACT	Commodities/Supplies	Purchased Under State Contract					176675.57		PO BOX 900	SCOTTSVILLE	NY	14546	USA
CP WARD INC	EMERGENCY CRANE RENTAL/OPERATOR-LEE RD	Commodities/Supplies	Authority Contract - Non-Competitive Bid	21-Oct-15	N		3291.9	3291.9	3291.9	PO BOX 900	SCOTTSVILLE	NY	14546	USA
CP WARD INC	EMERGENCY EXCAVATOR RENTAL - MAIN REPAIR	Design and Construction/Maintenance	Authority Contract - Non-Competitive Bid	4-Feb-15	N		3406.13	3406.13	3406.13	PO BOX 900	SCOTTSVILLE	NY	14546	USA
CPE	DARIEN BACKUP PUMP	Commodities/Supplies	Authority Contract - Non-Competitive Bid	29-Apr-15	N		4084	4084	4084	110 ELMGROVE PARK	ROCHESTER	NY	14624	USA
CPE	25 HP PUMP MOTOR-VICTOR/EGYPT BPS	Commodities/Supplies	Non Contract Procurement/Purchase Order					9234		110 ELMGROVE PARK	ROCHESTER	NY	14624	USA
CPE	LOW LIFT 2 FLOOR COATING	Commodities/Supplies	Purchased Under State Contract					22541.3		110 ELMGROVE PARK	ROCHESTER	NY	14624	USA
CSX TRANSPORTATION	R.O.W. LEASE AGREEMENTS	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order					7790.71		PO BOX 116628	ATLANTA	GA	30368	6628
CURB SOLUTIONS INC	2015 LAWN RESTORATION	Design and Construction/Maintenance	Authority Contract - Competitive Bid	8-Apr-15	N		269000	263885.71		955 B MILL STEAD WAY	ROCHESTER	NY	14624	USA
DAKSKCO PIPELINE CORP	WATER MAIN 24 INCH CANAL CROSSING	Design and Construction/Maintenance	Authority Contract - Competitive Bid	1-Oct-14	N		1529944	901913.59		PO BOX 27	LEICESTER	NY	14481	USA
DDS CONSTRUCTORS	BRIGHTON PITTSFORD WATER MAIN REPLACEMENT	Commodities/Supplies	Authority Contract - Competitive Bid	14-Aug-14	N		381602.04	381602.04		45 HENDRIX ROAD	W HENRIETTA	NY	14586	USA
DECKMAN OIL COMPANY	SW-40 FULL SYNTHETIC OIL	Commodities/Supplies	Non Contract Procurement/Purchase Order					10335.61		9 NORTON STREET	HONEOYE FALL	NY	14472	1099
DELL MARKETING L.P.	UPGRADES, SERVERS, LICENSES, MISCELLANEOUS	Commodities/Supplies	Purchased Under State Contract					147780.21		PO BOX 643561	PITTSBURGH	PA	15264	3561
DEMOCRAT AND CHRONICLE	LEGAL NOTICES 2015	Commodities/Supplies	Non Contract Procurement/Purchase Order					21906		PO BOX 822806	PHILADELPHIA	PA	19182	USA
DIVAL SAFETY EQUIPMENT INC	SAFETY ITEMS	Commodities/Supplies	Non Contract Procurement/Purchase Order					11573.41		1721 NIAGARA STREET	BUFFALO	NY	14207	USA
DIVAL SAFETY EQUIPMENT INC	WA 031507 CONSTRUCTION EQUIPMENT	Commodities/Supplies	Authority Contract - Competitive Bid	12-Mar-15	Y	11-Mar-16	21816.75	11138.99		1721 NIAGARA STREET	BUFFALO	NY	14207	USA
DJM EQUIPMENT INC	SMALL TO MEDIUM EQUIPMENT RENTAL	Commodities/Supplies	Non Contract Procurement/Purchase Order					3859.86		7216 PITTSFORD PALMYRA ROAD	FAIRPORT	NY	14450	USA
DJM EQUIPMENT INC	EMERGENCY-BOCAT RENT FOR BPS SNOW REMOVL	Commodities/Supplies	Authority Contract - Non-Competitive Bid	24-Feb-15	N		1600	1600	1600	7216 PITTSFORD PALMYRA ROAD	FAIRPORT	NY	14450	USA
DJM EQUIPMENT INC	BOBCAT DRIVE MOTOR	Commodities/Supplies	Authority Contract - Non-Competitive Bid	13-May-15	N		3020.7	3020.7	3020.7	7216 PITTSFORD PALMYRA ROAD	FAIRPORT	NY	14450	USA
DOLANITE PRODUCTS CO INC	VARIOUS GRADES OF STONE	Commodities/Supplies	Purchased Under State Contract					283370.81		PO BOX 415905	BOSTON	MA	2241	USA
DORITEX CORP	FLOOR MATS	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order					5369.2		11980 WALDEN AVENUE	ALDEN	NY	14004	USA
EASTERN METAL OF ELMIRA INC	UTILITY FLAGS AND BARRICADES	Commodities/Supplies	Non Contract Procurement/Purchase Order					5612.72		1430 SULLIVAN STREET	ELMIRA	NY	14901	1698
ELCOMETER	TANK INSPECTION	Commodities/Supplies	Non Contract Procurement/Purchase Order					5297.4		1893 ROCHESTER INDUSTRIAL DRIVE	ROCHESTER HI	MI	48309	USA
EMA INC	PROFESSIONAL SERVICE SCADA SYSTEM	Consulting Services	Authority Contract - Competitive Bid	18-Apr-13	N		90331.06	90331.06		900 NORTHBROOK DRIVE SUITE 110	MINNEAPOLIS	MN	55480	USA
EMCOR SERVICES	EMERGENCY REPLACEMENT AIR HANDLING UNIT	Design and Construction/Maintenance	Authority Contract - Competitive Bid	8-Apr-14	N		289000	36861.5		704 CLINTON AVENUE SOUTH	ROCHESTER	NY	14620	USA
EMERALD PRINT MANAGEMENT	PRINTING	Commodities/Supplies	Non Contract Procurement/Purchase Order					22619.35		1100 UNIVERSITY AVENUE SUITE 1428	ROCHESTER	NY	14607	USA
ERDMAN ANTHONY	SURVEYING/MAPPING SERVICES - PENFIELD	Design and Construction/Maintenance	Authority Contract - Competitive Bid	20-Apr-07	N		21720	6008		2165 BRIGHTON HENRIETTA TL ROAD	ROCHESTER	NY	14620	USA
ERIE COUNTY WATER AUTHORITY	WATER PURCHASED FROM ERIE COUNTY	Commodities/Supplies	Authority Contract - Competitive Bid	10-Aug-10	N		273033.64	273033.64		350 ELLICOTT SQUARE BUILDING	BUFFALO	NY	14240	5148
EUROFINS EATON ANALYTICAL	QUARTERLY MONITORING PROGRAM	Other Professional Services	Authority Contract - Competitive Bid	1-Jul-15	Y	30-Jun-16	64000	57955		PO BOX 95362	GRAPEVINE	TX	76099	USA
EXCELLUS	HEALTH INSURANCE PREMIUM FOR 2015	Other Professional Services	Authority Contract - Competitive Bid	14-Oct-10	N		4965501	4965501		PO BOX 5266	BINGHAMTON	NY	13902	USA
EXCELLUS BLUE CROSS/BLUE SHLD	DENTAL ADMINISTRATION FEE 2015	Other Professional Services	Authority Contract - Competitive Bid	14-Oct-10	N		10500	9648.56		PO BOX 5266	BINGHAMTON	NY	13902	USA
EXPRESS TIRE DELIVERY	TIRES-NYS CONTRACT	Commodities/Supplies	Purchased Under State Contract					8035.44		475 CAYUGA ROAD SUITE 500	BUFFALO	NY	14225	USA
FAIRPORT MUNICIPAL COMMISSION	ELECTRIC SERVICE-TANK/PUMP SITES	Other	Non Contract Procurement/Purchase Order					65143.39		PO BOX 530812	ATLANTA	GA	30353	USA
FASTENAL COMPANY	REPAIR ITEMS AND TOOLS	Commodities/Supplies	Purchased Under State Contract					5634.3		PO BOX 1286	WINONA	MN	55987	USA
FASTENERS DIRECT	BLANKET ORDER-FASTENERS, BOLTS, AND NUTS	Commodities/Supplies	Purchased Under State Contract					7618.51		545 BASKET ROAD	WEBSTER	NY	14580	USA
FERGUSON ENTERPRISES INC	PLUMBING SUPPLIES	Commodities/Supplies	Purchased Under State Contract					5734.4		PO BOX 644054	PITTSBURGH	PA	15264	USA
FINE LINE PIPELINE INC	SUNSET BLVD WATER MAIN REPLACEMENT	Commodities/Supplies	Authority Contract - Competitive Bid	7-Jan-15	N		447959.2	447959.2		6271 DECKER ROAD	LIVONIA	NY	14487	USA
FINGER LAKES SYSTEM CHEMISTRY	LUBRICANTS, CLEANERS	Commodities/Supplies	Non Contract Procurement/Purchase Order					5887.08		420 ST PAUL STREET	ROCHESTER	NY	14605	1797
FIRST NIAGARA GOVERNMENT	ELECTRONIC PAYMENTS	Financial Services	Authority Contract - Competitive Bid	1-Feb-13	N		30575.02	30575.02		555 PATROON BOULEVARD	ALBANY	NY	12206	USA
FIRST NIAGARA RISK MANAGEMENT	EXCESS WORKERS COMP INSURANCE	Financial Services	Non Contract Procurement/Purchase Order					20469		PO BOX 1090	BUFFALO	NY	14240	1090
FIRST UNUM LIFE INSURANCE CO	LONG TERM CARE INSURANCE	Financial Services	Non Contract Procurement/Purchase Order					9766.4		PO BOX 403748	ATLANTA	GA	30384	USA
FISHER SCIENTIFIC	LAB SUPPLIES	Commodities/Supplies	Purchased Under State Contract					15498.35		PO BOX 3648	BOSTON	MA	2241	3648
FIVE STAR EQUIPMENT INC	VEHICLE REPAIR PARTS	Commodities/Supplies	Non Contract Procurement/Purchase Order					17764.27		PO BOX 176	DUNMORE	PA	18512	USA
FIVE STAR EQUIPMENT INC	BLANKET REPAIR PARTS FOR BACKHOE	Commodities/Supplies	Authority Contract - Non-Competitive Bid	20-Jan-15	Y	31-Dec-15	10684.9	10684.9	10684.9	PO BOX 176	DUNMORE	PA	18512	USA
FIVE STAR EQUIPMENT INC	EMERGENCY EXCAVATOR RENTAL	Commodities/Supplies	Authority Contract - Non-Competitive Bid	14-Aug-15	N		5380	5380	5380	PO BOX 176	DUNMORE	PA	18512	USA
FLEETPRIDE	VEHICLE REPAIR PARTS	Commodities/Supplies	Non Contract Procurement/Purchase Order					6830.77		PO BOX 281811	ATLANTA	GA	30384	1811
FLUID KINETICS INC	PUMPS	Commodities/Supplies	Non Contract Procurement/Purchase Order					3291.07		PO BOX 655	ORCHARD PARK	NY	14127	USA
FLUID KINETICS INC	GOULD PUMP PARTS-KREAG RD 2	Commodities/Supplies	Authority Contract - Non-Competitive Bid	7-Apr-15	N		3157.68	3157.68	3157.68	PO BOX 655	ORCHARD PARK	NY	14127	USA
FLUID KINETICS INC	CONTROL VALVE-ECHO BPS PUMP 3	Commodities/Supplies	Authority Contract - Non-Competitive Bid	2-Jun-15	N		1266	1266	1266	PO BOX 655	ORCHARD PARK	NY	14127	USA
FRONTIER COMMUNICATIONS	TELEPHONE AND DATA LINE SERVICE	Telecommunication Equipment or Services	Authority Contract - Competitive Bid	8-Oct-09	N		137786.72	137786.72		PO BOX 20567	ROCHESTER	NY	14602	567
FRONTIER TELEPHONE OF ROCH	BACKUP DATA PHONE T1 ESOC TO SWTP	Telecommunication Equipment or Services	Purchased Under State Contract					3756.72		PO BOX 20550	ROCHESTER	NY	14602	USA
FRONTIER TELEPHONE OF ROCH	TELEPHONE AND DATA LINE SERVICE	Telecommunication Equipment or Services	Authority Contract - Competitive Bid	8-Oct-09	N		26496.43	26496.43		PO BOX 20550	ROCHESTER	NY	14602	USA
GALLAGHER BASSETT SERVICES INC	CLAIM	OTHER	Non Contract Procurement/Purchase Order					5000		4 FLOWERS DRIVE	MECHANICSBUR	PA	17050	USA
GATTI PLUMBING	EMERGENCY REPAIR OF BROKEN SEWER PIPE	Commodities/Supplies	Authority Contract - Non-Competitive Bid	28-Jan-15	N		6828	6828	6828	441-A ELMGROVE ROAD	ROCHESTER	NY	14606	USA

GECK PLUMBING & HEATING SUPPLY	COPPER TUBING AND PLUMBING SUPPLIES	Commodities/Supplies	Non Contract Procurement/Purchase Order				74726.63	620 MEIGS STREET	ROCHESTER	NY	14620	USA
GEESE CONTROL OF NY	CANADA GEESE CONTROL	Commodities/Supplies	Non Contract Procurement/Purchase Order				5940	3325 BAILEY ROAD	BLOOMFIELD	NY	14469	USA
GLOBAL CONTRACTING & GLOBAL CONTRACTING & GLOBAL CONTRACTING & GLOBAL CONTRACTING & GLOBAL CONTRACTING & GRAINGER	COATING AND REHAB OF MOSELEY RD TANK TANK PAINTING-KEITH TERRACE TANK PAINTING-WHITE RD. TANK PAINTING-LEE RD AND W MAIN INDUSTRIAL SUPPLIES	Commodities/Supplies Design and Construction/Maintenance Design and Construction/Maintenance Design and Construction/Maintenance Commodities/Supplies	Authority Contract - Competitive Bid Authority Contract - Competitive Bid Authority Contract - Competitive Bid Purchased Under State Contract	31-Jul-14 1-Oct-14 12-Feb-15 28-Sep-15	N N N N	476473.36 333500 144850 2312817	476473.36 219657.26 144850 738589.33	PO BOX 606 PO BOX 606 PO BOX 606 DEPT 809236987	ORCHARD PARK ORCHARD PARK ORCHARD PARK PALATINE	NY NY NY IL	14127 14127 14127 60038	USA USA USA 1 USA
GRAYBAR ELECTRIC COMPANY INC	BLANKET-GE LAMPS	Commodities/Supplies	Non Contract Procurement/Purchase Order				23483.04	DEPT 809236987	PALATINE	IL	60038	1 USA
GRAYBAR ELECTRIC COMPANY INC	ELECTRICAL SUPPLIES	Commodities/Supplies	Non Contract Procurement/Purchase Order				4085.02	12444 COLLECTIONS CENTER DRIVE	CHICAGO	IL	60693	USA
GRAYBAR ELECTRIC COMPANY INC	GLOBAL TECHNOLOGY LIGHTING FIXTURE	Commodities/Supplies	Non Contract Procurement/Purchase Order				26610.12	12444 COLLECTIONS CENTER DRIVE	CHICAGO	IL	60693	USA
GREATER ROCHESTER ENTERPRISE	DUES GREATER ROCHESTER ENTERPRISE	Commodities/Supplies	Non Contract Procurement/Purchase Order				10000	12444 COLLECTIONS CENTER DRIVE	CHICAGO	IL	60693	USA
GRIFFIN PIPE PRODUCTS CO	WA 081213 DUCTILE IRON PIPE	Commodities/Supplies	Authority Contract - Competitive Bid	10-Sep-15	N	25509.13	25509.13	100 CHESTNUT STREET	ROCHESTER	NY	14604	USA
GRIFFITH ENRGY	PREMIUM ULTRA LOW SULFUR DIESEL FUEL	Commodities/Supplies	Authority Contract - Non-Competitive Bid	20-Sep-14	Y	19-Sep-15	74997.04	PO BOX 203363	DALLAS	TX	75320	USA
GRIFFITH ENRGY	PREMIUM ULTRA LOW SULFUR DIESEL FUEL	Commodities/Supplies	Authority Contract - Non-Competitive Bid	5-Jan-15	Y	21-Jan-15	4232.93	1870 WINTON ROAD SOUTH	BUFFALO	NY	14240	USA
H2M ARCHITECTS & ENGINEERS	2014 TANK PAINTING PROJECT	Design and Construction/Maintenance	Purchased Under State Contract	11-Aug-10	N		105300	1870 WINTON ROAD SOUTH	BUFFALO	NY	14240	USA
HACH COMPANY	TURBIDIMETERS, LAB SUPPLIES	Commodities/Supplies	Authority Contract - Competitive Bid	12-Mar-15	Y	31-Dec-15	18688.29	575 BROADHOLLOW ROAD	MELVILLE	NY	11747	USA
HACH COMPANY	O2 ANALYSIS	Commodities/Supplies	Authority Contract - Non-Competitive Bid	19-Aug-14	N		8598.6	2207 COLLECTIONS CENTER DRIVE	CHICAGO	IL	60693	USA
HACH COMPANY	WWTP FILTER 6 PARTICLE COUNTER REPAIR	Commodities/Supplies	Authority Contract - Non-Competitive Bid	10-Jun-15	N		927.32	2207 COLLECTIONS CENTER DRIVE	CHICAGO	IL	60693	USA
HACH COMPANY	MAINTENANCE ON WATER QUAL MONITOR EQUIP	Commodities/Supplies	Authority Contract - Non-Competitive Bid	1-Feb-15	Y	31-Jan-16	2514	2207 COLLECTIONS CENTER DRIVE	CHICAGO	IL	60693	USA
HANES SUPPLY INC	WA031407 SMALL TOOLS & RELATED MATERIALS	Commodities/Supplies	Authority Contract - Competitive Bid	18-Apr-14	Y	17-Apr-15	24038.98	55 JAMES E CASEY DRIVE	BUFFALO	NY	14206	USA
HANES SUPPLY INC	MISCELLANEOUS TOOLS	Commodities/Supplies	Non Contract Procurement/Purchase Order				5972.89	55 JAMES E CASEY DRIVE	BUFFALO	NY	14206	USA
HANSON	CONCRETE ADAPTER FOR MAIN REPAIR	Commodities/Supplies	Authority Contract - Non-Competitive Bid	19-May-15	N		6415	PO BOX 842481	DALLAS	TX	75284	USA
HARBIDGE CONSULTING GROUP	ACTUARIAL STUDY/REPORT	Financial Services	Authority Contract - Competitive Bid	9-May-13	N		12000	6 RHODS DRIVE SUITE 7	LITICA	NY	13502	USA
HARTER, SECREST & EMERY LP	CORPORATE LITIGATION/REGULATORY SERVICES	Legal Services	Authority Contract - Competitive Bid	12-Nov-09	N		440000	1600 BAUSCH & LOMB PLACE	ROCHESTER	NY	14604	2711 USA
HAWK FRAME & AXLE INC	COLLISION REPAIR FOR MCWA VEHICLES	Commodities/Supplies	Authority Contract - Competitive Bid				26660.71	77 O'CONNOR ROAD	FAIRPORT	NY	14450	USA
HD SUPPLY WATERWORKS LTD	WA 101117 FIRE HYDRANTS	Commodities/Supplies	Purchased Under State Contract	1-Dec-14	Y	30-Nov-15	181454	PO BOX 28330	ST LOUIS	MO	63146	USA
HD SUPPLY WATERWORKS LTD	WA 121424 METER REPAIR PARTS	Commodities/Supplies	Authority Contract - Competitive Bid	15-Jan-15	Y	14-Jan-16	82247.3	PO BOX 28330	ST LOUIS	MO	63146	USA
HD SUPPLY WATERWORKS LTD	BUTTERFLY VALVES, ADAPTERS	Commodities/Supplies	Non Contract Procurement/Purchase Order				33109.77	PO BOX 28330	ST LOUIS	MO	63146	USA
HD SUPPLY WATERWORKS LTD	HYDRANT REPAIR PARTS	Commodities/Supplies	Authority Contract - Non-Competitive Bid	17-Oct-14	N		1050	PO BOX 28330	ST LOUIS	MO	63146	USA
HD SUPPLY WATERWORKS LTD	WA 101118 VALVES	Commodities/Supplies	Authority Contract - Competitive Bid	1-Dec-14	Y	30-Nov-15	123533.32	PO BOX 28330	ST LOUIS	MO	63146	USA
HEITKAMP INC	20 INCH CONTROL BALL VALVE	Commodities/Supplies	Authority Contract - Competitive Bid	7-May-14	N		64445	PO BOX 28330	ST LOUIS	MO	63146	USA
HEITKAMP INC	MAIN REHABILITATION - FAIRPORT LINING	Commodities/Supplies	Authority Contract - Competitive Bid	25-Jul-14	N		105510.21	99 CALLENDER ROAD	WATERTOWN	CT	6795	USA
HEITKAMP INC	2015 CEMENT LINING	Commodities/Supplies	Authority Contract - Competitive Bid	6-Jan-16	N		1413310	99 CALLENDER ROAD	WATERTOWN	CT	6795	USA
HENRIETTA BUILDING SUPPLIES	2015 STRUCTURAL LINING	Commodities/Supplies	Authority Contract - Competitive Bid	6-Jan-16	N		1434343	99 CALLENDER ROAD	W HENRIETTA	NY	14586	USA
HERMAN MILLER INC	BUILDING SUPPLIES AND MATERIALS	Commodities/Supplies	Non Contract Procurement/Purchase Order				5684.24	1 RIVERTON WAY	CHICAGO	IL	60673	USA
HEWITT YOUNG ELECTRIC LLC	CUSTOMER SERVICE OFFICE FURNITURE	Commodities/Supplies	Purchased Under State Contract				8474.92	22764 NETWORK PLACE	ROCHESTER	NY	14611	USA
HEWITT YOUNG ELECTRIC LLC	SWTP SUBSTATION AND FACILITY ELECTR UPGR	Commodities/Supplies	Authority Contract - Competitive Bid	7-Jan-15	N		2447000	645 MAPLE ST	ROCHESTER	NY	14611	USA
HEWITT YOUNG ELECTRIC LLC	ELECTRICAL MAINTENANCE SERVICES	Design and Construction/Maintenance	Authority Contract - Competitive Bid	2-Dec-14	N		100408.88	645 MAPLE ST	ROCHESTER	NY	14611	USA
HEWITT YOUNG ELECTRIC LLC	ESWSP PUMP STATION	Design and Construction/Maintenance	Authority Contract - Competitive Bid	13-Jan-11	N		2680000	645 MAPLE ST	ROCHESTER	NY	14611	USA
HILL & MARKES INC	IMPERIAL CLARK PAPER TOWELS	Commodities/Supplies	Non Contract Procurement/Purchase Order				8150.92	PO BOX 7	AMSTERDAM	NY	12010	USA
HILLYARD	JANITORIAL SUPPLIES	Commodities/Supplies	Purchased Under State Contract				6636.42	PO BOX 878629	KANSAS CITY	MO	64187	USA
HMT INC	PREVENTIVE MAINTENANCE	Design and Construction/Maintenance	Authority Contract - Competitive Bid	13-Sep-12	N		50000	PO BOX 1957	CICERO	NY	13039	USA
HOLLAND COMPANY INC	POLY ALUMINUM CHLORIDE	Commodities/Supplies	Non Contract Procurement/Purchase Order				5414.43	153 HOWLAND AVENUE	ADAMS	MA	1220	USA
HOLZMACHER, MCLENDON & MURRELL	COATING CONSULTING SERVICES	Commodities/Supplies	Authority Contract - Competitive Bid	31-Oct-13	N		72511.5	4TH FLOOR EAST	MELVILLE	NY	11747	USA
HOME DEPOT CREDIT SERVICES	COMMODITIES AND SUPPLIES	Commodities/Supplies	Non Contract Procurement/Purchase Order				12383.51	PO BOX 9055	DES MOINES	IA	50368	USA
HORIZON SOLUTIONS LLC	ELECTRICAL PRODUCTS AND EQUIPMENT	Commodities/Supplies	Non Contract Procurement/Purchase Order				16883.56	PO BOX 92367	ROCHESTER	NY	14692	USA
HORIZON SOLUTIONS LLC	WEBSTER WTP PLC POWER MONITORS	Commodities/Supplies	Authority Contract - Non-Competitive Bid	23-Jun-15	N		4600	PO BOX 92367	ROCHESTER	NY	14692	USA
HORIZON SOLUTIONS LLC	PANELVIEW PLUS TERMINAL-WWTP	Commodities/Supplies	Authority Contract - Non-Competitive Bid	6-Oct-15	N		7450	PO BOX 92367	ROCHESTER	NY	14692	USA
HORIZON SOLUTIONS LLC	PLC CONVERSIONS FOR IP COMMUNCTN SWITCH	Commodities/Supplies	Authority Contract - Non-Competitive Bid	22-May-15	N		15902.48	PO BOX 92367	ROCHESTER	NY	14692	USA
HORIZON SOLUTIONS LLC	AB TECH SUPPORT	Technology - Software	Authority Contract - Non-Competitive Bid	1-Apr-15	Y	31-Mar-16	13680	PO BOX 92367	ROCHESTER	NY	14692	USA
HOSELTON CHEVROLET/GMAC	WA 121422 2015 CHEVROLET EQUINOX	Commodities/Supplies	Authority Contract - Competitive Bid	21-Jan-15	N		85449.6	909 FAIRPORT ROAD	E ROCHESTER	NY	14445	USA
HOSELTON CHEVROLET/GMAC	TRANSMISSION	Commodities/Supplies	Purchased Under State Contract				2375	909 FAIRPORT ROAD	E ROCHESTER	NY	14445	USA
HOSELTON CHEVROLET/GMAC	VEHICLE REPAIR PARTS	Commodities/Supplies	Non Contract Procurement/Purchase Order				4876.04	909 FAIRPORT ROAD	E ROCHESTER	NY	14445	USA
I SECURE	SYSTEM SECURITY SUPPORT	Consulting Services	Authority Contract - Competitive Bid	14-Jul-14	Y	13-Jul-15	19999.88	1159 PITTSFORD VICTOR ROAD	PITTSFORD	NY	14534	USA
IBM CORPORATION	MAXIMO ANNUAL SUBSCRIPTION & SUPPORT	Technology - Software	Non Contract Procurement/Purchase Order				14432.41	PO BOX 643600	PITTSBURGH	PA	15264	USA
IDEXX DISTRIBUTION INC	LAB COLIFORM ANALYSIS	Commodities/Supplies	Authority Contract - Non-Competitive Bid	26-Jan-15	N		28804.25	PO BOX 101327	ATLANTA	GA	30392	1327 USA
IM US INC	COLD PATCH	Commodities/Supplies	Purchased Under State Contract				36638.66	PO BOX 347202	PITTSBURGH	PA	15251	USA
IMMEDIATE MAILING SERVICES INC	EMERGENCY PO-COLD PATCH	Design and Construction/Maintenance	Authority Contract - Non-Competitive Bid	10-Mar-15	Y	16-Mar-15	12310.92	PO BOX 347202	PITTSBURGH	PA	15251	USA
INNOVATIVE DATA PROCESSING	WA 031406 PRINT AND MAIL CUSTOMER BILLS	Other Professional Services	Authority Contract - Competitive Bid	18-Mar-14	N		364650	245 COMMERCE BOULEVARD	LIVERPOOL	NY	13088	USA
IRISH CARBONIC & WELDING CORP	SOFTWARE CONSULTING SERVICES	Consulting Services	Authority Contract - Competitive Bid	13-Feb-14	N		50180	PO BOX 91006	ROCHESTER	NY	14692	USA
IRISH CARBONIC & WELDING CORP	WA 021502 - LIQUID CARBON DIOXIDE	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-15	Y	31-Mar-16	99225	PO BOX 409	BUFFALO	NY	14212	409 USA
ITX CORP	WA 021303 CARBON DIOXIDE	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-14	Y	31-Mar-15	89500	PO BOX 409	BUFFALO	NY	14212	409 USA
ITX CORP	MOBILE OPTIMIZATION OF WEBSITE	Consulting Services	Authority Contract - Competitive Bid	22-Apr-15	N		13788.7	1169 PITTSFORD VICTOR ROAD	PITTSFORD	NY	14534	USA
ITV INC	WEBSITE MODIFICATIONS/MANAGEMENT	Consulting Services	Purchased Under State Contract				3731.25	1169 PITTSFORD VICTOR ROAD	PITTSFORD	NY	14534	USA
JB EVANS & SONS LLC	RECORDS MANAGEMENT REVIEW	Design and Construction/Maintenance	Authority Contract - Competitive Bid	8-Apr-15	N		16800	1387 FAIRPORT ROAD SUITE 730	SYRACUSE	NY	13202	USA
JOE BASIL CHEVROLET INC	ASBESTOS SAFETY TRAINING	Other Professional Services	Authority Contract - Competitive Bid	19-Apr-13	Y	18-Apr-15	11242.5	PO BOX 404	CAZENOVIA	NY	13035	USA
JOHN D LEWIS	WA 031509-2015 NEW CHEVY SILVERADO	Commodities/Supplies	Authority Contract - Competitive Bid	16-Apr-15	N		180556	5111 TRANSIT ROAD	DEPEW	NY	14043	USA
JONES CHEMICALS INC	EASEMENT TREE REMOVAL	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order				5625	1760 SANDY LANE	WEBSTER	NY	14580	USA
JONES CHEMICALS INC	WA 021401 LIQUID SODIUM HYPOCHLORITE	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-14	Y	31-Mar-15	80568	PO BOX 636877	CINCINNATI	OH	45263	USA
JONES CHEMICALS INC	WA 021204 LIQUID ELEMENTAL CHLORINE	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-14	Y	31-Mar-15	59000	PO BOX 636877	CINCINNATI	OH	45263	USA

JONES CHEMICALS INC	WA 021502 GASEDUS CHLORINE ONE TON CONT	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-15	Y	31-Mar-16	20700	20700	PO BOX 636877	CINCINNATI	OH	45263	USA
JUSTIN MCCARTHY CONSULTING LLC	NYS LOBBYING SERVICES	Consulting Services	Authority Contract - Competitive Bid	19-Apr-12	Y	18-Apr-15	56250	56250	PO BOX 13951	ALBANY	NY	12212	USA
KENWORTH OF ROCHESTER	VEHICLE REPAIR PARTS	Commodities/Supplies	Non Contract Procurement/Purchase Order					5154.34	100 COMMERCE DRIVE	LACKAWANNA	NY	14218	USA
KENWORTH OF ROCHESTER	WA 121423 2016 10 WHEEL DUMP TRUCKS	Commodities/Supplies	Authority Contract - Competitive Bid	21-Jan-15	N		234436	234436	100 COMMERCE DRIVE	LACKAWANNA	NY	14218	USA
KENWORTH OF ROCHESTER	WA031404 NEW 10 WHEEL DUMP TRUCK W/BODY	Commodities/Supplies	Authority Contract - Competitive Bid	17-Apr-14	N		160541	160541	100 COMMERCE DRIVE	LACKAWANNA	NY	14218	USA
KENWORTH OF ROCHESTER	REPAIRS AND MAINTENANCE ON DUMP TRUCKS	Commodities/Supplies	Authority Contract - Non-Competitive Bid	6-Oct-15	N		15473.46	15473.46	100 COMMERCE DRIVE	LACKAWANNA	NY	14218	USA
KOESTER ASSOCIATES INC	HYDRAULIC CHECK VALVE-VICTOR EGYPT BPS	Commodities/Supplies	Authority Contract - Non-Competitive Bid	8-Sep-15	N		5330	5330	3101 SENECA TURNPIKE	CANASTOTA	NY	13032	USA
KOESTER ASSOCIATES INC	ELECTRONIC DUAL CHLOR SCALE-CHLORINE ROOM	Commodities/Supplies	Non Contract Procurement/Purchase Order				2677.21		3101 SENECA TURNPIKE	CANASTOTA	NY	13032	USA
KOESTER ASSOCIATES INC	CYLINDER REPAIR FOR ECHO 2 AND 3	Commodities/Supplies	Authority Contract - Non-Competitive Bid	17-Feb-15	N		2018.41	2018.41	208 ST PAUL STREET	ROCHESTER	NY	14604 1120	USA
KOVALSKY-CARR ELECTRIC SUPPLY	GENERAL MAINTENANCE EQUIP-SWTP	Commodities/Supplies	Non Contract Procurement/Purchase Order				26906.06		208 ST PAUL STREET	ROCHESTER	NY	14604 1120	USA
KOVALSKY-CARR ELECTRIC SUPPLY	BATTERIES	Commodities/Supplies	Purchased Under State Contract				845.85		PO BOX 934226	ATLANTA	GA	31193	USA
LAIRD PLASTICS INC	MAINTENANCE RINGS FOR EAST SIDE FILTER	Commodities/Supplies	Non Contract Procurement/Purchase Order				67.20		7520 EAST MAIN STREET	UMA	NY	14485	USA
LAKELANDS CONCRETE PRODUCTS	EMERGENCY-PRECAST CONCRETE VAULT-LEE RD	Commodities/Supplies	Authority Contract - Non-Competitive Bid	21-Oct-15	N		10564	10564	200 WEST METRO PARK	ROCHESTER	NY	14623 2678	USA
LARSEN ENGINEERS INC	ENVIRONMENTAL ENGINEERING SERVICES	Consulting Services	Authority Contract - Competitive Bid	28-Sep-15	Y	9/25/2020	19500	19500	PO BOX 39187	CHARLOTTE	NC	28278	USA
LASERLENZ INC	CALIBRATE PARTICLE COUNTERS	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order				15945		1645 LYLES AVENUE SUITE 200	ROCHESTER	NY	14606	USA
LAYER 3 TECHNOLOGIES INC	CYBERNETICS MAINTENANCE SUPPORT	Commodities/Supplies	Authority Contract - Competitive Bid	10-Sep-15	Y	21-Jul-17	31100	31000	2500 SWEETWATER SPRINGS BOULEVARD	SPRING VALLEY	CA	91978	USA
LAYFIELD USA CORPORATION	MEMBRANE RESERVOIR COVER REPAIRS	Design and Construction/Maintenance	Authority Contract - Competitive Bid	3/12/2015	N		90537	25931	841 HOLT ROAD	WEBSTER	NY	14580	USA
LEO J. ROTH CORP	2012 ROOF REPLACEMENT PROGRAM	Design and Construction/Maintenance	Authority Contract - Competitive Bid	8-Nov-12	N		506420	23935.5	PO BOX 44	NORTH CHILI	NY	14514 44	USA
LEWALTER HARDWOODS INC	WOOD STAKES, WEDGES, BLOCKS	Commodities/Supplies	Non Contract Procurement/Purchase Order				5752		3870 WEST HENRIETTA ROAD	ROCHESTER	NY	14623	USA
LEWIS GENERAL TIRES INC	TIRES	Commodities/Supplies	Purchased Under State Contract				5843.09		3870 WEST HENRIETTA ROAD	ROCHESTER	NY	14623	USA
LEWIS GENERAL TIRES INC	TIRES	Commodities/Supplies	Non Contract Procurement/Purchase Order				17647.59		PO BOX 5211	BINGHAMTON	NY	13902	USA
LIFETIME BENEFIT SOLUTIONS	FSM ADMINISTRATION FEE	Other Professional Services	Authority Contract - Competitive Bid	14-Oct-10	N		13970.2	13970.2	3535 WINTON PLACE	ROCHESTER	NY	14623	USA
LOGICAL OPERATIONS ON BEHALF	CISCO CLASSROOM TRAINING	Other Professional Services	Authority Contract - Non-Competitive Bid	11-Mar-15	N		8985	8985	PO BOX 8000 DEPARTMENT 802	BUFFALO	NY	14267	USA
M&T BANK	CHECKING ACCOUNT SERVICE CHARGES	Financial Services	Authority Contract - Competitive Bid	14-Oct-10	N		154150.53	154150.53	1 M&T PLAZA 7TH FLOOR	BUFFALO	NY	14203	USA
MANUFACTURERS & TRADERS TRUST	CHECKING ACCOUNT SERVICE CHARGES	Financial Services	Authority Contract - Competitive Bid	14-Oct-10	N		18766	18766	948 CARTER STREET	ROCHESTER	NY	14621	USA
MASTRO ENTERPRISES INC	2015 PAVEMENT REPLACEMENT	Design and Construction/Maintenance	Authority Contract - Competitive Bid	1-Oct-14	N		2043456.5	2043456.5	50 WEST MAIN STREET SUITE 6100	ROCHESTER	NY	14614	USA
MC DEPT. OF TRANSPORTATION	DOT PERMITS	Financial Services	Non Contract Procurement/Purchase Order				6275		PO BOX 1125	WILKES BARRE	PA	18703	USA
MCCARTHY TIRE & AUTOMOTIVE	TIRES	Commodities/Supplies	Non Contract Procurement/Purchase Order				9886		PO BOX 7690	CHICAGO	IL	60680 7690	USA
MCMASTER-CARR SUPPLY COMPANY	GENERAL MAINTENANCE MATERIALS	Commodities/Supplies	Non Contract Procurement/Purchase Order				10769.04		PO BOX 643283	PITTSBURGH	PA	15264	USA
MCPC INC	WA 041307 PRINTER TONER CARTRIDGES	Commodities/Supplies	Authority Contract - Competitive Bid	19-Apr-13	Y	18-Apr-16	27950.94	22568.49	182 HILLRISE DRIVE	PENFIELD	NY	14526	USA
MERCURY NETWORKS	BARRACUDA MAIL ARCHIVER 450	Commodities/Supplies	Non Contract Procurement/Purchase Order				13293.46		182 HILLRISE DRIVE	PENFIELD	NY	14526	USA
MERCURY NETWORKS	DELL POWER EDGE SERVER	Commodities/Supplies	Purchased Under State Contract				32196.94		66 FIREMENS WAY	POUGHKEEPSIE	NY	12603	USA
MES NEW YORK	KEVLAR HEADNET AND FACEPIECE	Commodities/Supplies	Purchased Under State Contract				6221.07		40 WILDBRIAR ROAD	ROCHESTER	NY	14623	USA
METRIX MARKETING INC	CUSTOMER COMMUNICATIONS/WEBSITE DESIGN	Consulting Services	Authority Contract - Competitive Bid	13-May-10	N		84978.64	84978.64	3 SHERER STREET	ROCHESTER	NY	14611	USA
MGM INSULATION INC	ALUMINUM TANK ROOF VENT- MOSELEY RD TANK	Commodities/Supplies	Non Contract Procurement/Purchase Order				7800		PO BOX 3851	BOSTON	MA	2241	USA
MILTON CAT	WA 031403 NEW BACKHOES	Commodities/Supplies	Authority Contract - Competitive Bid	17-Apr-14	N		162228	162228	PO BOX 3851	BOSTON	MA	2241	USA
MILTON CAT	REPAIR PARTS BACKHOES	Commodities/Supplies	Authority Contract - Non-Competitive Bid	20-Jan-15	Y	31-Dec-15	4747.4	4747.4	PO BOX 3851	BOSTON	MA	2241	USA
MILTON CAT	BACKHOE TRANSMISSION REPAIR	Commodities/Supplies	Authority Contract - Non-Competitive Bid	21-Apr-15	N		1463.69	1463.69	PO BOX 3851	BOSTON	MA	2241	USA
MILTON CAT	WA 031511 NEW 2013 BACKHOES	Commodities/Supplies	Authority Contract - Competitive Bid	16-Apr-15	N		113904	113904	PO BOX 3851	BOSTON	MA	2241	USA
MILTON CAT	STANDBY GENERATOR	Design and Construction/Maintenance	Authority Contract - Competitive Bid	13-Oct-11	N		1494100	100472	PO BOX 3851	BOSTON	MA	2241	USA
MILTON CAT	ELECT CONTROL MODULE-KREAG RD GENERATOR	Design and Construction/Maintenance	Authority Contract - Non-Competitive Bid	27-Oct-14	N		3693.72	3693.72	PO BOX 3851	BINGHAMTON	NY	13902	USA
MIRABITO ENERGY PRODUCTS	DIESEL FUEL	Commodities/Supplies	Purchased Under State Contract				8298.54		609 BUFFALO ROAD	ROCHESTER	NY	14611	USA
MJ PIPE & SUPPLY	REPAIR SUPPLIES/MATERIAL	Commodities/Supplies	Non Contract Procurement/Purchase Order				56034.37		609 BUFFALO ROAD	ROCHESTER	NY	14611	USA
MJ PIPE & SUPPLY	WA 111120 REPAIR CLAMPS	Commodities/Supplies	Authority Contract - Competitive Bid	19-Dec-14	Y	18-Dec-15	42469.42	42469.42	609 BUFFALO ROAD	ROCHESTER	NY	14611	USA
MJ PIPE & SUPPLY	WA 111121 VALVE BOX RISERS	Commodities/Supplies	Authority Contract - Competitive Bid	19-Dec-14	Y	18-Dec-15	15502.6	13369.7	39 WEST MAIN STREET	ROCHESTER	NY	14614	USA
MONROE COUNTY CLERK	EASEMENT FILING FEES	Financial Services	Non Contract Procurement/Purchase Order				11100		39 WEST MAIN STREET	ROCHESTER	NY	14614 1231	USA
MONROE COUNTY DIR OF FINANCE	DOT PERMITS	Financial Services	Non Contract Procurement/Purchase Order				33715		39 WEST MAIN STREET	ROCHESTER	NY	14614	USA
MONROE COUNTY DIR OF FINANCE	BONDS INTEREST	Financial Services	Authority Contract - Competitive Bid	14-Oct-10	N		1436452	640748.81	111 WESTFALL ROAD ROOM 916	ROCHESTER	NY	14620	USA
MONROE COUNTY HEALTH DEPT	WATER SUPPLY SYSTEM FEE-ONTARIO	Financial Services	Authority Contract - Competitive Bid	30-Sep-10	N		200000	200000	39 W MAIN STREET ROOM 402	ROCHESTER	NY	14614	USA
MONROE COUNTY OFFICE OF	ELECTRICITY-INTER-MUNICIPAL CO-OF	Other	Authority Contract - Competitive Bid	10-May-07	N		4430100	3158293.2	740 QUAKER ROAD	MACEDON	NY	14502	USA
MORRISON EXCAVATING INC	SCREENED TOPSOIL	Commodities/Supplies	Purchased Under State Contract				110785		3929 SOUTH AVON ROAD	AVON	NY	14414	USA
MORSCH PIPELINE INC	BASKET RD WATER MAIN REPLACEMENT	Design and Construction/Maintenance	Authority Contract - Competitive Bid	28-Sep-15	N		1285604	112835.01	3929 SOUTH AVON ROAD	AVON	NY	14414	USA
MORSCH PIPELINE INC	EMERGENCY-EXCAVATION/THAW FROZEN SERV	Design and Construction/Maintenance	Authority Contract - Non-Competitive Bid	30-Mar-15	N		40825	40825	PO BOX 98412	CHICAGO	IL	60693	USA
MOTION INDUSTRIES INC	REBUILD KITS-PUMP CONTROL VALVE MAINT.	Commodities/Supplies	Non Contract Procurement/Purchase Order				10576.1		52 MARWAY CIRCLE	ROCHESTER	NY	14624	USA
MSC INDUSTRIAL SUPPLY CO INC	INDUSTRIAL SUPPLIES	Commodities/Supplies	Non Contract Procurement/Purchase Order				4772.69		52 MARWAY CIRCLE	ROCHESTER	NY	14624	USA
MSC INDUSTRIAL SUPPLY CO INC	INDUSTRIAL SUPPLIES	Commodities/Supplies	Purchased Under State Contract				5070.32		220 ALEXANDER STREET	ROCHESTER	NY	14607	USA
MVP HEALTH CARE	HEALTHCARE PREMIUM	Other	Authority Contract - Non-Competitive Bid	14-Oct-10	N		120785.7	120785.7	PO BOX 932957	ATLANTA	GA	31193 2957	USA
NEPTUNE TECHNOLOGY GROUP INC	WA 051310 COLD WATER LARGE METERS	Commodities/Supplies	Authority Contract - Competitive Bid	7-Jun-13	Y	6-Jun-16	319670	319670	PO BOX 932957	ATLANTA	GA	31193 2957	USA
NEPTUNE TECHNOLOGY GROUP INC	METER PARTS	Commodities/Supplies	Non Contract Procurement/Purchase Order				13745.09		PO BOX 932957	ATLANTA	GA	31193 2957	USA
NEPTUNE TECHNOLOGY GROUP INC	WA 031304 NEPTUNE COLDWATER METERS	Commodities/Supplies	Authority Contract - Competitive Bid	18-Apr-13	Y	17-Apr-16	2052086	1735828	PO BOX 975544	DALLAS	TX	75397	USA
NETWORKFLEET INC	VEHICLE TRACKING SYSTEM-MCWA VEHICLES	Commodities/Supplies	Purchased Under State Contract				16360.12		PO BOX 975544	DALLAS	TX	75397	USA
NETWORKFLEET INC	MONTHLY GPS MONITORING	Design and Construction/Maintenance	Purchased Under State Contract				81703		858 MANITOU ROAD	HILTON	NY	14468	USA
NEW YORK STATE FENCE INC	FENCE AT MOSELEY TANK	Commodities/Supplies	Non Contract Procurement/Purchase Order				1715.11		858 MANITOU ROAD	HILTON	NY	14468	USA
NEW YORK STATE FENCE INC	SWTP SOUTH FENCE RELOCATION	Commodities/Supplies	Authority Contract - Competitive Bid	3-Feb-15	N		44740	44740	328 STATE STREET	SCHENECTADY	NY	12305	USA
NEW YORK WORKERS' COMPENSATION	2015 WORKERS COMPENSATION ASSESSMENT	Commodities/Supplies	Authority Contract - Competitive Bid	12-Dec-13	N		36838.25	36838.25	PO BOX 28012	NEW YORK	NY	10087	USA
NIXON PEABODY LLP	FEDERAL LOBBYING SERVICES	Consulting Services	Authority Contract - Competitive Bid	14-Jul-11	N		305000	300000	1240 RESEARCH FOREST	MACEDON	NY	14502	USA
NORTHEASTERN INSULATION CO	2014 ROOF REPLACEMENT- ESOC	Design and Construction/Maintenance	Authority Contract - Competitive Bid	1-Oct-14	N		442500	41789.88	PO BOX 30170	ROCHESTER	NY	14603	USA
NUWAY AUTO PARTS	VEHICLE BATTERIES	Commodities/Supplies	Non Contract Procurement/Purchase Order				4158.42		PO BOX 30170	ROCHESTER	NY	14603	USA
NUWAY AUTO PARTS	PARTS & SUPPLIES FOR MAINTAINING VEHICLE	Commodities/Supplies	Purchased Under State Contract				21692.2		PO BOX 30170	ROCHESTER	NY	14603	USA
NUWAY AUTO PARTS	AUTOMOTIVE PARTS AND SUPPLIES	Commodities/Supplies	Purchased Under State Contract				11719.32		110 STATE STREET	ALBANY	NY	12244 1	USA
NYS & LOCAL RETIREMENT SYSTEMS	RETIREE BENEFITS	Other	Authority Contract - Non-Competitive Bid	8-Oct-09	N		2628166	2628166					

NYS ENVIRONMENTAL CONSERVATION	DOT PERMITS	Financial Services	Non Contract Procurement/Purchase Order				16662.67		PO BOX 3782	NEW YORK	NY	10008	USA
OBRIEN & GERE ENGINEERS INC	2015 MISCELLANEOUS ENVIRONMENTAL SERVICE	Commodities/Supplies	Authority Contract - Competitive Bid	6-May-15	N	1131.92	1131.92		PO BOX 8000	BUFFALO	NY	14267	USA
OBRIEN & GERE ENGINEERS INC	RISK MANAGEMENT PROGRAM	Consulting Services	Authority Contract - Competitive Bid	29-Jul-13	N	15000	5325.76		PO BOX 8000	BUFFALO	NY	14267	USA
OBRIEN & GERE ENGINEERS INC	ENGINEERING CONSULTING SERVICES	Consulting Services	Authority Contract - Competitive Bid	10-Apr-08	N	38052.69	38052.69		PO BOX 8000	BUFFALO	NY	14267	USA
OBRIEN & GERE ENGINEERS INC	DESIGN & CONSTRUCTION ESWSF	Design and Construction/Maintenance	Authority Contract - Competitive Bid	8-Jan-09	N	6231029	197759.88		PO BOX 8000	BUFFALO	NY	14267	USA
OCCUPATIONAL SAFETY ON SITE	AUDIOMETRIC SERVICES	Other Professional Services	Authority Contract - Competitive Bid	26-Feb-15	Y	5829	5829		1600 LVELL AVENUE	ROCHESTER	NY	14606	USA
OCCUPATIONAL SAFETY ON SITE	PRE-EMPLOYMENT TESTING	Other Professional Services	Authority Contract - Competitive Bid	14-Oct-10	N	9950	6061		1600 LVELL AVENUE	ROCHESTER	NY	14606	USA
OCCUPATIONAL SAFETY ON SITE	ASBESTOS EXAMS	Other Professional Services	Authority Contract - Competitive Bid	16-Dec-13	N	15000	12429		1600 LVELL AVENUE	ROCHESTER	NY	14606	USA
OCCUPATIONAL SAFETY ON SITE	DRUG/ALCOHOL TESTING	Other Professional Services	Authority Contract - Competitive Bid	1-May-14	Y	18456	18456		1600 LVELL AVENUE	HENRIETTA	NY	14467	USA
ON THE MARK	UTILITY LOCATING SERVICES	Commodities/Supplies	Authority Contract - Competitive Bid	16-Apr-15	Y	15-Apr-16	2502.5	2502.5	PO BOX 885	HENRIETTA	NY	14467	USA
ON THE MARK	FIRE HYDRANT INSPECTION SERVICES	Design and Construction/Maintenance	Authority Contract - Competitive Bid	16-Apr-15	Y	31-Dec-15	298388.64	298388.64	PO BOX 885	DALLAS	TX	75320	USA
ORACLE AMERICA INC	ORACLE VM SUPPORT	Design and Construction/Maintenance	Purchased Under State Contract				327.28		PO BOX 203448	DALLAS	TX	75320	USA
ORACLE AMERICA INC	ORACLE SUPPORT	Design and Construction/Maintenance	Purchased Under State Contract				3987.72		PO BOX 203448	DALLAS	TX	75320	USA
ORACLE AMERICA INC	ORACLE SUPPORT	Design and Construction/Maintenance	Purchased Under State Contract				10034.43		PO BOX 203448	DALLAS	TX	75320	USA
ORACLE AMERICA INC	ORACLE PERSONAL EDITION LICENSES	Technology - Software	Purchased Under State Contract				139.92		PO BOX 203448	DALLAS	TX	75320	USA
ORACLE AMERICA INC	ORACLE WEBLOGIC SUPPORT	Design and Construction/Maintenance	Purchased Under State Contract				5841.9		PO BOX 203448	CHICAGO	IL	60686	USA
ORR SAFETY	REPLACEMENT PARTS FOR AIR MONITORS	Commodities/Supplies	Non Contract Procurement/Purchase Order				8124.19		1266 RELIABLE PARKWAY	MACEDON	NY	14502	USA
PERINTON RENTALS INC	POTABLE HOSE AND ADAPTERS-FROZEN SERVICE	Commodities/Supplies	Authority Contract - Non-Competitive Bid	3-Mar-15	N	6387.9	6387.9	6387.9	125 MACEDON CENTER ROAD	BUFFALO	NY	14228 2199	USA
PERTECH INC	PRESSURE RELIEF VALVE-REPAIRS LLP5 ROOM	Commodities/Supplies	Non Contract Procurement/Purchase Order				3818.55		586 N FRENCH ROAD	BUFFALO	NY	14228 2199	USA
PERTECH INC	SEVERN TRENT PART-SWTP CHLORINE GAS SYST	Commodities/Supplies	Authority Contract - Non-Competitive Bid	1-Aug-15	Y	31-Jul-16	613	613	586 N FRENCH ROAD	BUFFALO	NY	14228 2199	USA
PERTECH INC	SEVERN TRENT PREVENT MAINT KIT-CL2 ROOM	Commodities/Supplies	Authority Contract - Non-Competitive Bid	27-Mar-15	N	1757.74	1757.74	1757.74	586 N FRENCH ROAD	BUFFALO	NY	14228 2199	USA
PERTECH INC	CL2 REPAIR-VALVE REPLACEMENT	Commodities/Supplies	Authority Contract - Non-Competitive Bid	21-Apr-15	N	2712.45	2712.45	2712.45	586 N FRENCH ROAD	BUFFALO	NY	14228 2199	USA
PJ INDUSTRIAL SUPPLY INC	HYDRAULIC CRIMP FITTINGS	Commodities/Supplies	Non Contract Procurement/Purchase Order				11475.16		640 NORTH WINTON ROAD	ROCHESTER	NY	14609	USA
POLESTAR MANAGEMENT	PROFESSIONAL LIABILITY INSURANCE	Financial Services	Authority Contract - Competitive Bid	9-Dec-10	N	70049	70049		45 EAST AVENUE	ROCHESTER	NY	14604	USA
POLYDYNE INC	WA 021401 BULK CATIONIC POLYMER	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-14	Y	31-Mar-15	52800	14828.22	PO BOX 404642	ATLANTA	GA	30384	USA
POLYDYNE INC	WA 021502 CATIONIC POLYMER	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-15	Y	31-Mar-16	37629.28	37629.28	PO BOX 404642	ATLANTA	GA	30384	USA
POMCO GROUP	WORKERS COMP ADMIN FEE 2015	Other Professional Services	Authority Contract - Competitive Bid	10-Dec-09	N	16250	16250		PO BOX 159 EASTWOOD	SYRACUSE	NY	13206	USA
POSTMASTER	POSTAGE BULK MAILING-2015	Commodities/Supplies	Non Contract Procurement/Purchase Order				444000		1335 JEFFERSON ROAD	ROCHESTER	NY	14692 9652	USA
POSTMASTER	BUSINESS REPLY MAILING 2015	Commodities/Supplies	Non Contract Procurement/Purchase Order				28500		1335 JEFFERSON ROAD	ROCHESTER	NY	14692 9652	USA
PROVANTAGE	SCADA COMPUTER BACKUP HARDWARE, ANTIVIRUS	Technology - Software	Non Contract Procurement/Purchase Order				13079.51		7576 FREEDOM AVENUE NW	NORTH CANTON	OH	44720	USA
Q-MATION INC	SCADA OPERATR INTERFACE TERM THIN CLIENT	Commodities/Supplies	Authority Contract - Non-Competitive Bid	1-Dec-15	N	4335.67	4335.67	4335.67	425 CAREDEAN DRIVE	HORSHAM	PA	19044	USA
Q-MATION INC	WONDERWARE CUSTOMER FIRST AGREEMENT	Technology - Software	Authority Contract - Non-Competitive Bid	2-Dec-14	N	24686	24686	24686	425 CAREDEAN DRIVE	HORSHAM	PA	19044	USA
RAMSEY CONSTRUCTORS INC	48 INCH TRANSMISSION MAIN	Design and Construction/Maintenance	Authority Contract - Competitive Bid	11-Oct-12	N	223761.55	223761.55		5711 GATEWAY PARK	LAKEVILLE	NY	14480	USA
RAMSEY CONSTRUCTORS INC	CLAIM FOR VICTOR DAMAGES	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order				6629.07		5711 GATEWAY PARK	LAKEVILLE	NY	14480	USA
RANDSCO PIPELINE INC	FISHER RD W/M REPLACEMENT	Commodities/Supplies	Authority Contract - Competitive Bid	19-Jun-14	N	84675.69	84675.69		672 FREY ROAD	MACEDON	NY	14502	USA
RANDSCO PIPELINE INC	8 INCH DUCTILE IRON PIPE	Design and Construction/Maintenance	Authority Contract - Competitive Bid	7-May-14	N	359317	20519.48		672 FREY ROAD	MACEDON	NY	14502	USA
RAVI ENGINEERING & LAND	SURVEYING SERVICES	Design and Construction/Maintenance	Authority Contract - Competitive Bid	25-Jul-14	N	8550	8550		2110 S CLINTON AVENUE SUITE 1	ROCHESTER	NY	14618	USA
REL COAM INC	ESOC TELEPHONE EQUIPMENT MAINTENANCE	Commodities/Supplies	Authority Contract - Non-Competitive Bid	1-Jan-15	Y	31-Dec-15	11665	11665	250 CUMBERLAND STREET	ROCHESTER	NY	14605	USA
REL COAM INC	PROGRAMMING ADDITIONS	Commodities/Supplies	Purchased Under State Contract				2993		250 CUMBERLAND STREET	ROCHESTER	NY	14605	USA
RETROTECH	CRANE, HOIST & LIFTING EQUIPMENT INSPECT	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order				7389.18		PO BOX 417471	BOSTON	MA	2241	USA
RITEC	TOTAL CHLORINE SENSOR	Commodities/Supplies	Authority Contract - Non-Competitive Bid	30-Jan-15	N	1318.31	1318.31	1318.31	26 SAGINAW DRIVE	ROCHESTER	NY	14623	USA
RITEC	REPLACE CHLORINE ANALYZERS DENSE RES	Commodities/Supplies	Non Contract Procurement/Purchase Order				5421.42		26 SAGINAW DRIVE	ROCHESTER	NY	14623	USA
RITEC	WAQ21505 AMPEROMETRIC CHLORINE ANALYZER	Commodities/Supplies	Authority Contract - Competitive Bid	12-Mar-15	N	19885	19885		PO BOX 415905	ROCHESTER	NY	14623	USA
ROCHESTER ASPHALT MATERIALS	ASPHALT AND STONE	Commodities/Supplies	Purchased Under State Contract				161891.29		26 SAGINAW DRIVE	BOSTON	MA	2241	USA
ROCHESTER GAS & ELECTRIC	RELOCATE SERVICE COMING INTO SWTP	Design and Construction/Maintenance	Authority Contract - Non-Competitive Bid	7/13/2015	N	40743	40743	40743	89 EAST AVENUE	ROCHESTER	NY	14649	USA
ROCHESTER WINDUSTRIAL	RPZ AND REPAIR KITS	Commodities/Supplies	Non Contract Procurement/Purchase Order				9902.09		900 DRIVING PARK	ROCHESTER	NY	14613	USA
RP FEDDOR CORPORATION	HVAC AIR FILTERS	Commodities/Supplies	Purchased Under State Contract				626.21		PO BOX 64077	BALTIMORE	MD	21264	USA
RP FEDDOR CORPORATION	DEHUMIDIFIER DUCTWORK	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order				8172.8		PO BOX 64077	BALTIMORE	MD	21264	USA
SAR SALES	ALTITUDE VALVE REPLACE -SOUTH AVE/OGDEN	Commodities/Supplies	Non Contract Procurement/Purchase Order				10581		82 HUNTER LANE	QUEENSBURY	NY	12804	USA
SAR SALES	ALTITUDE VALVE-WEST BRIGHTON TANK	Commodities/Supplies	Authority Contract - Non-Competitive Bid	19-Aug-15	N	4419	4419	4419	82 HUNTER LANE	QUEENSBURY	NY	12804	USA
SHERWIN WILLIAMS COMPANY	PAINT PRODUCTS	Commodities/Supplies	Purchased Under State Contract				5297.51		830 EMERSON STREET	ROCHESTER	NY	14613 1804	USA
SHI INTERNATIONAL CORP	AUTOCAD SUBSCRIPTION RENEWALS	Design and Construction/Maintenance	Purchased Under State Contract				13758.96		PO BOX 952121	DALLAS	TX	75395	USA
SHI INTERNATIONAL CORP	VMWARE SUPPORT	Design and Construction/Maintenance	Purchased Under State Contract				16415.36		PO BOX 952121	DALLAS	TX	75395	USA
SHI INTERNATIONAL CORP	VMWARE SUPPORT RENEWAL	Design and Construction/Maintenance	Purchased Under State Contract				1688.72		PO BOX 952121	DALLAS	TX	75395	USA
SHI INTERNATIONAL CORP	AUTOCAD LICENSE FOR DRAFTING	Technology - Software	Purchased Under State Contract				1055.69		PO BOX 952121	DALLAS	TX	75395	USA
SHRIER MARTIN PROCESS	EMERGENCY REPAIR OF WEBSTER EQ TANK PUMP	Commodities/Supplies	Authority Contract - Non-Competitive Bid	27-Apr-15	N	8080.15	8080.15	8080.15	PO BOX 368	MENDON	NY	14506	USA
SHRIER MARTIN PROCESS	DIAPHRAGM	Commodities/Supplies	Non Contract Procurement/Purchase Order				576.48		PO BOX 368	MENDON	NY	14506	USA
SEWERT EQUIPMENT CO INC	VALVE REPAIR	Commodities/Supplies	Non Contract Procurement/Purchase Order				18543.67		PO BOX 824438	PHILADELPHIA	PA	19182	USA
SEWERT EQUIPMENT CO INC	BRIGGS ST PRV REPAIR	Commodities/Supplies	Authority Contract - Non-Competitive Bid	7-Apr-15	N	1509.74	1509.74	1509.74	PO BOX 824438	PHILADELPHIA	PA	19182	USA
SEWERT EQUIPMENT CO INC	CYLINDER TUBE, HEAT, & HEAD FOR REPAIRS	Commodities/Supplies	Authority Contract - Non-Competitive Bid	28-Oct-15	N	1300.47	1300.47	1300.47	PO BOX 824438	PHILADELPHIA	PA	19182	USA
SIGNS AND SAFETY EQUIP	SAFETY SIGNS	Commodities/Supplies	Non Contract Procurement/Purchase Order				6929		PO BOX 102	BIG FLATS	NY	14814	USA
STANTEC CONSULTING SERVICES	DESIGN & CONSTRUCTION MAINTENANCE	Design and Construction/Maintenance	Authority Contract - Competitive Bid	19-Jan-12	N	50000	39891.38		61 COMMERCIAL STREET	ROCHESTER	NY	14614	USA
STANTEC CONSULTING SERVS INC	DESIGN & CONSTRUCTION MAINTENANCE	Design and Construction/Maintenance	Authority Contract - Competitive Bid	19-Jan-12	N	50000	26433.63		13980 COLLECTIONS CENTER DRIVE	CHICAGO	IL	60693	USA
STANTEC CONSULTING SERVS INC	CONSULTING SERVICES-SWTP SUBSTATION	Design and Construction/Maintenance	Authority Contract - Competitive Bid	19-Jan-12	N	200000	33669		13980 COLLECTIONS CENTER DRIVE	CHICAGO	IL	60693	USA
STAPLES BUSINESS ADVANTAGE	OFFICE SUPPLIES	Commodities/Supplies	Purchased Under State Contract				9007.73		PO BOX 415256	BOSTON	MA	2241	USA
STAPLES BUSINESS ADVANTAGE	COPY PAPER	Commodities/Supplies	Non Contract Procurement/Purchase Order				5906.77		PO BOX 415256	BOSTON	MA	2241	USA
STAPLES BUSINESS ADVANTAGE	OFFICE SUPPLIES	Commodities/Supplies	Non Contract Procurement/Purchase Order				7223.9		PO BOX 415256	BOSTON	MA	2241	USA
TECHNICAL SYSTEMS GROUP INC	SECURITY EQUIPMENT	Other Professional Services	Authority Contract - Non-Competitive Bid	1-Jan-15	Y	31-Dec-15	26359.05	26359.05	1799 N CLINTON AVENUE	ROCHESTER	NY	14621	USA
TERMATTEC MOLDING INC	METER TAMPER LOCKS	Commodities/Supplies	Authority Contract - Non-Competitive Bid	31-Jul-15	N	11000	11000	11000	PO BOX 96	SODUS	NY	14551	USA
TERRY TREE SERVICE LLC	ESOC TREE REMOVAL AND MULCH	Commodities/Supplies	Non Contract Procurement/Purchase Order				13054.79		225 BALLANTYNE ROAD	ROCHESTER	NY	14623 1907	USA
TERRY TREE SERVICE LLC	TREE TRIMMING AND CUTTING AT CORFU WTP	Design and Construction/Maintenance	Purchased Under State Contract				13015.17		225 BALLANTYNE ROAD	ROCHESTER	NY	14623 1907	USA

THATCHER OF NEW YORK	WA 021204 HYDROFLUOSILICIC ACID	Commodities/Supplies	Authority Contract - Competitive Bid	1-Apr-14	Y	30-Mar-15	109760	40337.84	PO BOX 27407	SLT LX CITY	UT	84127	USA
THE BANK OF NEW YORK MELLON	TRUSTEE SERVICES 2010A&B SERIES BONDS	Financial Services	Authority Contract - Competitive Bid	9-Dec-10	N		17690	17690	PO BOX 392013	PITTSBURGH	PA	15251	USA
THE GOODFAR TIRE & RUBBER CO	NYS ANNUAL CONTRACT ORDER - TIRES	Commodities/Supplies	Purchased Under State Contract				8517.76	8517.76	PO BOX 847286	DALLAS	TX	75284	USA
THE WESCOIT GROUP INC	PAPER TOWELS	Commodities/Supplies	Non Contract Procurement/Purchase Order				2282.6	2282.6	225 MUSHROOM BOULEVARD	ROCHESTER	NY	14623	USA
THE WESCOIT GROUP INC.	WA 121420 MAINTENANCE SUPPLIES ESOC	Commodities/Supplies	Authority Contract - Competitive Bid	15-Jan-15	Y	14-Jan-16	13600.21	9868.33	225 MUSHROOM BOULEVARD	ROCHESTER	NY	14623	USA
THRU-WAYSPRING	VEHICLE REPAIR PARTS	Commodities/Supplies	Non Contract Procurement/Purchase Order				5425.11	5425.11	1609 MT READ BOULEVARD	ROCHESTER	NY	14606 2879	USA
TOWN OF WEBSTER HIGHWAY	PAVING-WEBSTER WATER TREATMENT PLANT	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order				56253.28	56253.28	1005 PICTURE PARKWAY	WEBSTER	NY	14580	USA
TRUSTEE OF MONROE SECURITY AND	PUBLIC SAFETY & SECURITY SERVICES	Other Professional Services	Authority Contract - Competitive Bid	10-Sep-09	N		1650000	1650000	1 MAT PLAZA 7TH FLOOR	BUFFALO	NY	14203	USA
TWOCAST CONSULTING INC	ORACLE DBA SERVICES	Consulting Services	Authority Contract - Competitive Bid	1-Jan-14	Y	10-Dec-16	120060	42135	23 TROUT CREEK RUN	HONEOYE FALL	NY	14472	USA
U.S. POSTAL SERVICE	POSTAL METER 2015	Commodities/Supplies	Non Contract Procurement/Purchase Order				88000	88000	P.O. BOX 7247-0217	PHILADELPHIA	PA	19170 217	USA
UNIFORM VILLAGE INC.	BULWARK FLAME RESISTANT CLOTHING	Commodities/Supplies	Non Contract Procurement/Purchase Order				2632.92	2632.92	376 JEFFERSON ROAD	ROCHESTER	NY	14623	USA
UNIFORM VILLAGE INC.	WA 111219 REPLACEMENT UNIFORMS	Commodities/Supplies	Authority Contract - Competitive Bid	14-Dec-14	Y	13-Dec-15	51172	22037.58	376 JEFFERSON ROAD	ROCHESTER	NY	14623	USA
US PIPE AND FOUNDRY CO LLC	WA 081213 DUCTILE IRON PIPE	Commodities/Supplies	Authority Contract - Competitive Bid	20-Sep-14	Y	19-Sep-15	74997.04	26681.12	PO BOX 935445	ATLANTA	GA	31193	USA
VALLEY SAND & GRAVEL	FILL AND CUSHION SAND	Commodities/Supplies	Non Contract Procurement/Purchase Order				9392.5	9392.5	PO BOX 220	SCOTTSVILLE	NY	14546	USA
VALLEY TIRE CO INC	BACKHOE TIRES	Commodities/Supplies	Non Contract Procurement/Purchase Order				8673.13	8673.13	3722 SCOTTSVILLE ROAD	SCOTTSVILLE	NY	14546	USA
VAN BORTEL FORD INC	VEHICLE REPAIR PARTS	Commodities/Supplies	Purchased Under State Contract				3211.31	3211.31	71 MARSH ROAD	E ROCHESTER	NY	14445	USA
VAN BORTEL FORD INC	VEHICLE REPAIR/MAINTENANCE PARTS	Commodities/Supplies	Non Contract Procurement/Purchase Order				8970.67	8970.67	71 MARSH ROAD	E ROCHESTER	NY	14445	USA
VAN BORTEL FORD INC	WA 061413 NEW 2015 FORD F-450 4X4	Commodities/Supplies	Authority Contract - Competitive Bid	27-Jun-14	N		82208	82208	71 MARSH ROAD	E ROCHESTER	NY	14445	USA
VELLANO BROS INC	FLANGES, VALVES, ANCHOR PIPE, MISC	Commodities/Supplies	Non Contract Procurement/Purchase Order				40798.09	40798.09	71 MARSH ROAD	E ROCHESTER	NY	14445	USA
VERIZON WIRELESS	CELL PHONE CHARGES	Telecommunication Equipment or Services	Authority Contract - Competitive Bid	14-Oct-10	N		31320	23738.91	7 HEMLOCK STREET	LATHAM	NY	12110	USA
VILLAGE OF FAIRPORT	WATER DISTRICT LEASE EXPENSE	Other	Authority Contract - Competitive Bid	14-Oct-10	N		50460	45787.5	PO BOX 408	NEWARK	NJ	7101	USA
VILLAGER CONSTRUCTION INC	2015 SERVICE AND WATER MAIN CONTRACT	Commodities/Supplies	Authority Contract - Competitive Bid	8-Apr-15	N		5059885	288497.97	31 SOUTH MAIN STREET	FAIRPORT	NY	14450	USA
VILLAGER CONSTRUCTION INC	RENTAL OF EQUIPMENT AND LABOR	Commodities/Supplies	Purchased Under State Contract				8310	8310	425 OLD MACEDON CENTER ROAD	FAIRPORT	NY	14450	USA
VILLAGER CONSTRUCTION INC	BAY SHORE RD W/M REPLACEMENT	Commodities/Supplies	Authority Contract - Competitive Bid	8-Apr-15	N		342173.58	342173.58	425 OLD MACEDON CENTER ROAD	FAIRPORT	NY	14450	USA
VILLAGER CONSTRUCTION INC	2015 SERVICE & WATER MAIN CONTRACT	Design and Construction/Maintenance	Authority Contract - Competitive Bid	8-Mar-12	N		3469985	31464.28	425 OLD MACEDON CENTER ROAD	FAIRPORT	NY	14450	USA
VILLAGER CONSTRUCTION INC	EMERGENCY WATER MAIN REPAIRS	Design and Construction/Maintenance	Authority Contract - Competitive Bid	15-May-14	Y	15-May-15	1753682.8	1753682.8	425 OLD MACEDON CENTER ROAD	FAIRPORT	NY	14450	USA
VILLAGER CONSTRUCTION INC	2015 CATHODIC PROTECTION PROGRAM	Design and Construction/Maintenance	Authority Contract - Competitive Bid	28-Sep-15	N		293837.5	242143.75	425 OLD MACEDON CENTER ROAD	FAIRPORT	NY	14450	USA
VP SUPPLY CORP	BRASS PLUMBING SUPPLIES	Commodities/Supplies	Purchased Under State Contract				13515.52	13515.52	PO BOX 23868	ROCHESTER	NY	14692 3868	USA
VP SUPPLY CORP	METER AND PLUMBING REPAIR ITEMS	Commodities/Supplies	Non Contract Procurement/Purchase Order				6843.83	6843.83	PO BOX 23868	ROCHESTER	NY	14692 3868	USA
WASTE MGMT OF NY-ROCHESTER	DUMPSTER SERVICE	Design and Construction/Maintenance	Non Contract Procurement/Purchase Order				9088.72	9088.72	PO BOX 13648	PHILADELPHIA	PA	19101	USA
WATER RESEARCH FOUNDATION	SUBSCRIPTION WATER RESEARCH FOUNDATION	Other	Authority Contract - Non-Competitive Bid	1-Jan-13	N		10334	10334	6666 WEST QUINCY AVENUE	DENVER	CO	80235	USA
WATSON-MARLOW INC	PUMP HEAD AND ROTOR ASSBLY-HYPO PUMPS	Commodities/Supplies	Authority Contract - Non-Competitive Bid	16-Sep-15	N		2229.63	2229.63	PO BOX 536285	PITTSBURGH	PA	15253	USA
WATSON-MARLOW INC	CHEMICAL DELIVERY PUMP-LLPS HYPO	Commodities/Supplies	Non Contract Procurement/Purchase Order				5082.69	5082.69	PO BOX 536285	PITTSBURGH	PA	15253	USA
WD MALONE TRUCKING	48 INCH TRANSMISSION MAIN	Commodities/Supplies	Authority Contract - Competitive Bid	30-Jun-14	N		373699.41	373699.41	708 COUNTY ROUTE 7	HANNIBAL	NY	13074	USA
WEKARE ORGANICS LLC	DREDGE CHANNEL AT SWTP	Design and Construction/Maintenance	Authority Contract - Competitive Bid	19-Apr-12	N		107225.13	107225.13	PO BOX 947	WEEDSPORT	NY	13166	USA
WEHNER MOWERS INC	MOWER AND SNOWBLOWERS AND PARTS	Commodities/Supplies	Non Contract Procurement/Purchase Order				9702.65	9702.65	2321 RIDGEWAY AVENUE	ROCHESTER	NY	14626 4199	USA
WEX BANK	GASOLINE FUEL SUPPLY	Commodities/Supplies	Purchased Under State Contract				268984.65	268984.65	PO BOX 6293	CAROL STREAM	IL	60197	USA
WILLIS OF NEW YORK INC	BROKER FOR MISC INSURANCE	Other Professional Services	Authority Contract - Competitive Bid	16-Apr-15	Y	15-Apr-18	280931	16066	PO BOX 4557	NEW YORK	NY	10249	USA
WONDERWARE SYSTEM	WONDERWARE SYSTEM	Technology - Software	Authority Contract - Competitive Bid	10-Dec-09	N		250000	7659.31	425 CAREDEAN DRIVE	HORSHAM	PA	19044	USA
WOODS OVIATT GILMAN LLP	LAND PURCHASE-4800 DEWEY AVE, INC	Commodities/Supplies	Authority Contract - Non-Competitive Bid	4-May-15	N		15556	15556	2 STATE STREET	ROCHESTER	NY	14614	USA
XEROX CORPORATION	PRINTER COPIER LEASE REPLACEMENT	Commodities/Supplies	Non Contract Procurement/Purchase Order				14471.86	14471.86	PO BOX 827598	PHILADELPHIA	PA	19182	USA
ZELLER ELECTRIC	SWTP FILTER OPERATOR INTERFACE TERMINAL	Commodities/Supplies	Purchased Under State Contract				1093	1093	1000 UNIVERSITY AVENUE SUITE 800	ROCHESTER	NY	14607	USA
ZELLER ELECTRIC	ELECTRICAL SUPPLIES	Commodities/Supplies	Non Contract Procurement/Purchase Order				8964.08	8964.08	1000 UNIVERSITY AVENUE SUITE 800	ROCHESTER	NY	14607	USA
ZELLER ELECTRIC	SPEED DRIVE - TWIN HILLS	Commodities/Supplies	Purchased Under State Contract				6620	6620	1000 UNIVERSITY AVENUE SUITE 800	ROCHESTER	NY	14607	USA
ZELLER ELECTRIC	SPEED DRIVE - NORTH RD BPS PUMP 2	Commodities/Supplies	Purchased Under State Contract				4394.35	4394.35	1000 UNIVERSITY AVENUE SUITE 800	ROCHESTER	NY	14607	USA



MONROE COUNTY WATER AUTHORITY

P.O. Box 10999 • 475 Norris Drive • Rochester, New York 14610-0999

Phone: (585) 442-2000 Fax (585) 442-0220

CERTIFICATION

I certify that the purchases of Coliform Enzyme Substrate Test Reagent from IDEXX; Neptune water meters; Foxboro pressure transmitters; Hach Company turbidimeters, chlorine meters, colorimeters; and Allen Bradley programmable controllers without competitive bidding were reviewed and complied with the Monroe County Water Authority's Procurement Guidelines regarding standardization of certain products.

Nicholas Noce
Executive Director

Date

MONROE COUNTY WATER AUTHORITY
REGULAR MEETING – September 10, 2015

In discussion of Item #15-183, Mr. King addressed the Members for approval of the standardization for the purchase of IDEXX reagents and supplies for bacteriological testing. In addition to Mr. King's reporting on this item, a memorandum detailing the justification to continue the Standardization for IDEXX products was enclosed in Board Members' packets of information on agenda items distributed in advance for their prior review.

#15-183

WHEREAS, the United States Environmental Protection Agency (USEPA), New York State Department of Health (NYSDOH) and Monroe County Department of Public Health (MCDOPH) require the Monroe County Water Authority (the Authority) to perform bacteriological testing to confirm compliance with governing water quality regulations; and

WHEREAS, the Authority will analyze approximately 12,000 combined treatment plant and distribution system samples per year; and

WHEREAS, the Authority has a need for an approved method for performing the required bacteriological analyses; and

WHEREAS, the Authority's staff has used the IDEXX Colilert methodology for about half of its bacteriological analyses for more than a decade; and

WHEREAS, the Authority has conducted tests of the other USEPA approved products and the process required to acquire Environmental Laboratory Accreditation Program (ELAP) approval to use them and concluded that they were not acceptable; and

WHEREAS, the Authority's Purchasing and Procurement Guidelines has Appropriate Circumstances for Standardization of Goods and Services under which several provisions would be satisfied; and

WHEREAS, the Authority desires to make certain that all of its future needs for approved bacteriological analyses products can be acquired.

NOW, THEREFORE, BE IT RESOLVED that:


1. In order to provide for the purchase or procurement of approved products for bacteriological analyses the Authority hereby establishes the Standardization of IDEXX Colilert reagents and supplies.
2. The Authority authorizes the purchase agreement for IDEXX Colilert products at the unit prices proposed for an annual budget amount of \$30,000 and for a term not to exceed three (3) years.
3. The Officers of the Authority are hereby authorized and directed for and on behalf of the Authority and in its name to do all acts and things required or as may be necessary, or in the opinion of the officer so acting, desirable and proper to effect the purposes of the foregoing resolutions and to cause compliance by the Authority with all of the provisions of the foregoing resolutions.

On a motion made by Mr. Rulison, seconded by Ms. Bleier-Mervis, and duly put to a vote on roll call, the foregoing resolution #15-183 unanimously carried. AYES: 5 (Magguilli, Nasca, Hurlbut, Bleier-Mervis, Rulison); NAYS: 0.



MEMORANDUM

TO: Chris King

FROM: Jim Nugent 

SUBJECT: Standardization on IDEXX Enzyme Substrate Products

DATE: September 2, 2015

In 2009 and again in 2013, MCWA standardized on IDEXX enzyme substrate coliform analysis products for our microbiological testing. **Based on an updated evaluation, I am recommending that the Authority continue the standardization of IDEXX reagents and supplies for bacteriological testing.**

My recommendation is based on the following:

- Economy – MCWA must maintain NYS ELAP Certification for the bacteriological procedures that we use. Although the various enzyme substrate products available are all supposed to be equivalent, ELAP requires separate approvals for each manufacturer. The procedure to change annually to the low bid product or maintain multiple certifications for multiple products is in effect unworkable and would increase the chance of losing the lab's certification for Coliform testing, requiring contracting the testing out at considerable expense.
 - Changing certification requires two successive external proficiency tests at least fifteen days apart. In practice, this would take a month to complete and a week or longer to score before we could switch to a low bid product. During this period we would need to maintain certification for the method in use, which would require annual satisfactory PT results. Under ELAP rules, a failing test result in either the existing approved procedure, or the one we would be trying to switch to would result in losing the certification for both.
 - Coliform positives require significant labor follow-up (resampling, additional reporting) and MCL violations are negative high profile events. Our staff is very familiar with IDEXX enzyme substrate products which are very reliable and used by the majority of our industry. This reliability and familiarity goes a long way towards avoiding the significant costs, and public image problems associated with false-positives.

- Uniformity and back-up supply: MCDOPH and RWW both have chosen to use IDEXX enzyme substrate products exclusively. Different products all capture slightly different populations as Coliform positive which could complicate data comparisons and confirmations. Also, using the same reagent system as MCDOPH and RWW provides a readily available back-up supply.
- Trainings issues - There are significant training issues associated with switching to multiple reagent systems that are all slightly different in color response and procedure. The operating staff's familiarity with IDEXX enzyme substrate products and the simplicity of the methods has allowed us to perform certified on-site testing at the Webster Plant lab without additional staff or daily sample transport to the Shoremont Lab.
- Endangerment – The proven reliability of this product line as an industry standard and our staff's familiarity with it contributes greatly to the quality of our monitoring program and helps avoid the potential health risk associated with false-negatives and costs of false-positives.
- Market share as an indicator of a superior product - IDEXX still controls about 80% of the drinking water market.

Standardization would apply to all the items on the attached IDEXX Quote # 20142541 (attached) which is good until January 31, 2018.



IDEXX BPO CONTRACT

Number / Date
20142541 / July/24/2015

Ship to Address
MONROE COUNTY WATER AUTHORITY
4799 DEWEY AVE
ROCHESTER NY 14612-2423
UNITED STATES
UNITED STATES

Sold to Address
MONROE COUNTY WATER AUTHORITY
PO Box 12697
ROCHESTER NY 14612-0697
UNITED STATES
UNITED STATES

Bill-to Customer 7316

Net weight : 18.110

Material ID Commodity/COO	Description Batch	Exp. Date	Quantity Backorder item	Unit Price	Total Value
98-11692-00	WP104 COLI E/A COMPARATOR		1	11.50	11.50
3822005090/US					
98-09226-00	WQTC, PRE-DISP.QT COMPARA		1	22.50	22.50
3822005090/US					
98-09227-00	WQT2KC, PRE-DISP.QT 2000		1	22.50	22.50
3822005090/US					
98-21675-00	WQT2K QUANTI-TRAY 2000 DI		1	182.00	182.00
3826909910/US					
98-21378-00	WQT100 QUANTI-TRAY DISPOS		1	133.00	133.00
3826909910/US					
98-09221-00	WV120BEST-200, VESSELS W/S		1	124.26	124.26
2832301000/US					
98-06155-00	WML-PIP-25 1ML PIPETTES,		1	17.14	17.14
3826909910/MX					
98-06156-00	WML-PIP-25 25-PACK 5ML P		1	17.14	17.14
3826909910/MX					
98-09444-01	WSW-10 STERILE WATER (10		1	38.11	38.11
2853000095/US					
98-20745-00	WVR20 VESSEL RACK		1	38.11	38.11
7326909530/US					
98-05761-01	WHPC-100 HPC, SIMPLATE MUL		1	238.96	238.96
3822001090/US					
98-12973-00	WP2001 GAMMA IRRAD COLILE		1	602.55	602.55
3822005090/US					
98-29000-00	UN3373-WQC COLIFORM / E.		1	168.62	168.62
3822005090/US					
98-29006-00	UN3373-WQC HPC		1	52.90	52.90
3822005090/US					

All local taxes at customer charge

MONROE COUNTY WATER AUTHORITY
REGULAR MEETING – June 11, 2015

FURTHER RESOLVED, that public interests will be prejudiced by delay and, accordingly, the Executive Director, or any agent he may designate, is authorized to petition the court for immediate possession and right of entry pursuant to EDPL §402 (B) (6); and it is

FURTHER RESOLVED, that the Executive Director, or any agent he may designate, shall retain the authority to negotiate the purchase of the Easements on terms determined reasonable by him during the pendency of the condemnation action should that course of action be deemed by him to be feasible and desirable; and it is

FURTHER RESOLVED, that the Executive Director, or any agent he may designate, shall execute any and all documents necessary in the opinion of counsel to the Authority to give effect to the resolutions made herein; and it is

FURTHER RESOLVED, that the Executive Director shall have the authority to take such other actions as he deems advisable and necessary in relation to obtaining the Easements.

On a motion made by Mr. Rulison, seconded by Mr. Nasca, and duly put to a vote on roll call, the foregoing resolution #15-136 unanimously carried. AYES: 5 (Quattrone, Magguilli, Nasca, Bleier-Mervis, Rulison); NAYS: 0.

* * *

Presented for Board Members' informational/notification purposes:

- Update to the Board on Third-Party Credit Card Processing. Kathleen Prestidge, Dir. of Finance & Business Services, provided a presentation to the Board on the new water bill payment feature available to MCWA customers.
- In Board folders for review:
 - Staff recommendation to continue with the current standardization on small meters.
 - Any routine monthly updates.

EXECUTIVE SESSION

#15-ES 9:50 a.m. Chairman Quattrone requested a motion to enter executive session under attorney-client privilege to discuss collective bargaining negotiations currently underway. Moved by Mr. Rulison, seconded by Mr. Nasca, and put to a vote on roll call, the Board unanimously agreed to enter executive session. AYES: 5 (Quattrone, Magguilli, Nasca, Bleier-Mervis, Rulison); NAYS: 0.

10:18 a.m. On a motion made by Mr. Rulison, seconded by Ms. Bleier-Mervis, the Board unanimously agreed to conclude executive session. Chairman Quattrone called this Regular Meeting back in open session. No formal action taken.

* * *

There being no further business to come before the Authority, Chairman Quattrone adjourned the meeting at 10:19 a.m.

Resolution #12-123

**RESOLUTIONS REGARDING RESIDENTIAL STANDARDIZING PURCHASES OF
SMALL METERS BY THE MONROE COUNTY WATER AUTHORITY**

WHEREAS, the Monroe County Water Authority (the "Authority") has initiated a program to accelerate the replacement of water meters that have been in service for more than 20 years, since, on average, meters tend to develop measurement inaccuracies as they reach 20 years of service life; and

WHEREAS, accurate measurement of water usage is important for determining overall system water losses and, ultimately, for properly setting water rates; and

WHEREAS, on January 14, 2010, the Authority adopted resolution #10-008 standardizing its source of large meters; and

WHEREAS, the Authority recently conducted a study to determine whether it could benefit from standardizing its source of small water meters; and

WHEREAS, the Authority also considered the results of a 2010 study of the water system conducted by the Authority's consultant, Amawalk Consulting Group, which included a recommendation that the Authority continue its use of automatic meter reading ("AMR") systems; and

WHEREAS, the Meter Services Department evaluated AMR meters from six different manufacturers for compliance with the Authority's criteria for standardizing small water meters, i.e., local conditions, compatibility and uniformity (the "Criteria"); and

WHEREAS, based upon the findings and recommendations of the Meter Services Department, the Authority has determined that Neptune brand AMR technology small water meters will best meet its small meter requirements and satisfy the Criteria.

NOW, THEREFORE, BE IT RESOLVED that:

1. In order to accomplish the objectives described above, the Authority hereby requires that all purchases of small water meters sized 5/8 inches to 2 inches (including any required ancillary equipment) must be made through the Neptune Technology Group. All standardized purchases shall include Neptune's AMR technology as currently configured in the E-CODER R900i model, including future upgrades.
2. The Officers of the Authority are hereby authorized and directed for and on behalf of the Authority and in its name to do all acts and things required or as may be necessary, or in the opinion of the officer so acting, desirable and proper to effect the purposes of the foregoing resolutions and to cause compliance by the Authority with all of the provisions of the foregoing resolutions.



Memorandum

TO: Kathleen Prestidge, Director of Finance & Business Services Date: April 8, 2015
From: Ron Habecker, Supervisor of Meter Services *RRH* File:
Subject: Standardization of Small Meters Copies:

On June 6, 2012, Wayne Zyra presented a recommendation that MCWA should continue with its use of the Automatic Meter Reading (AMR) system. Based on the study by the Amawalk Consulting Group, it was recommended that MCWA standardize its procurement of 5/8-inch to 2-inch meters with Neptune Technology Group.

At the time of the recommendation, MCWA had installed approximately 32 thousand Neptune AMR meters in its system. We currently are now over 70 thousand AMR meters. That brings the total financial commitment of MCWA funds to just under \$10 million excluding installation costs. The plan is to continue to replace 10 thousand residential meters per year until we have the whole system converted to Neptune AMR meters. The cost of replacing 10 thousand meters a year will be approximately \$1.5 million plus installation costs.

Since we started installing Neptune AMR meters in 2006, there have been two separate incidents where we have had minor register failures. Both times, Neptune Technology Group helped identify and correct the problem. Neptune stood behind their product by replacing the failed registers at no cost and also reimbursed MCWA for the labor costs involved with changing out the registers. As with any new product, I believe that there will always be challenges, and I am very comfortable and confident in Neptune's meters and how they have corrected these problems.

It is my recommendation that we continue with the standardization of the use of AMR meters with Neptune Technology Group.

/kl

MONROE COUNTY WATER AUTHORITY
REGULAR MEETING – December 12, 2013

In discussion of Item #13-220, Mr. Metzger addressed the Members for authorization to standardize on Foxboro pressure transmitters, referencing his detailed memorandum documenting the analysis by staff in recommendation of this standardization which was provided to the Board for their prior review.

#13-220 WHEREAS, the Monroe County Water Authority (the "Authority") has conducted an internal analysis of whether to standardize its supply of pressure transmitters to those made by the Foxboro Company ("Foxboro"); and

WHEREAS, the Authority based its review on whether standardizing would ensure efficiency, compatibility and reliability in monitoring pressures at its treatment plants and throughout its entire water distribution system; and

WHEREAS, the Authority's Production and Transmission Department has determined that Foxboro makes the most efficient and economic pressure transmitters currently available; and

WHEREAS, the benefits of Foxboro products include (i) the Authority has a significant inventory of spare Foxboro pressure transmitters, (ii) the Authority's Electrical and Instrumentation staff members have extensive training in the installation, configuration and calibration of Foxboro pressure transmitters and (iii) in order to minimize problems with pressure transmitters and the systems they control, the Authority has developed a standard system for layout, wiring and control of pressure transmitters that is based on the Foxboro product line.

NOW, THEREFORE, BE IT RESOLVED that:

1. In order to provide for the most efficient and economic source of pressure transmitters and for the reasons stated above, the Authority hereby requires that all its purchases or procurements of pressure transmitters and ancillary equipment be made using Foxboro products.
2. The Officers of the Authority are hereby authorized and directed for and on behalf of the Authority and in its name to do all acts and things required or as may be necessary, or in the opinion of the officer so acting, desirable and proper to effect the purposes of the foregoing resolutions and to cause compliance by the Authority with all of the provisions of the foregoing resolutions.

Moved By: W. Bleier-Mervis

Seconded By: J. Rulison

Vote: Passed Unanimously



MEMORANDUM

TO: Nicholas Noce, Executive Director

FROM: Richard J. Metzger, P.E., Executive Engineer

SUBJECT: Standardization - Pressure Transmitters

DATE: December 4, 2013

The following documents the standardization analysis by staff for Foxboro Pressure Transmitters. Board approval is requested. Foxboro Pressure Transmitters are the most efficient and economic pressure transmitter currently available for the Monroe County Water Authority (the "Authority") for the following reasons:

- *Compatibility:* Foxboro Pressure Transmitters have become the de facto standard for pressure transmitters at both Shoremont and Webster Treatment Plants and at our remote pump stations and storage tanks. Foxboro Pressure Transmitters are used for suction and discharge pressure monitoring at our booster pump stations and tank level monitoring in our distribution system. Pressure monitoring is one of our most important control parameters.
- *Design and Construction:* The standardization on a single brand of pressure transmitter allows for a quick and easy replacement of a failed unit due to the fact that the wiring and process piping connections would use an identical transmitter. This is a rugged and proven pressure transmitter that performs well in our rough environment, especially in our underground valve and tank vaults. Reliability has been outstanding with the Foxboro Pressure Transmitters.
- *Economical:* The Authority performed an informal cost comparison several years ago on pressure transmitters using vendors such as Foxboro, Rosemount, Siemens and Endress & Hauser and found the costs to be within $\pm 5\%$ of each other. Additionally, the amount of money spent each year to replace existing units that have failed or have become obsolete is minimal, well under \$5,000 per year. Installation at a new pump station costs approximately \$1,500 to monitor the suction and discharge pressures, and at a new storage tank costs approximately \$750 to monitor the tank level.
- *Inventory:* The Shoremont Instrumentation Group maintains at least one spare transmitter for each of our three gauge pressure ranges and two transmitters for our differential pressure ranges. Adding a second brand of pressure transmitter will require the Authority to maintain a larger inventory of spare pressure transmitters.
- *Trained Employees:* The Instrumentation Maintenance Staff are trained in the installation, configuration, and calibration of Foxboro Pressure Transmitters, which includes the specific software used to calibrate and configure these units. Installing a different transmitter will require training in the configuration and calibration procedures required for the new transmitter. Mean time to repair is minimized due to staff understanding this transmitter.
- *Uniformity:* Foxboro Pressure Transmitters were selected for the East Side Water Supply Project.

/ka

cc: Production & Transmission File

MONROE COUNTY WATER AUTHORITY
REGULAR MEETING – October 9, 2014

RESOLVED, that the Executive Director is authorized to enter into a professional services agreement for Professional Auditing Services with Bonadio & Company, LLP with principal offices at 171 Sully's Trail, Suite 201, Pittsford, New York 14534, all in accordance with a Proposal to Provide Auditing Services to the Monroe County Water Authority dated September 19, 2014 submitted by Bonadio & Company, LLP. All inclusive fees for conducting recurring services shall be based as submitted in their proposal dated September 19, 2014. This agreement is to provide Auditing Services for the fiscal years ending December 31, 2014, 2015, and 2016.

FURTHER RESOLVED, that this resolution shall take effect immediately.

Moved By: J. Rulison
Seconded By: S. Nasca
Vote: Passed Unanimously

For Item #14-173, Mr. King addressed the Members for award of the purchase of Supervisory Control and Data Acquisition (SCADA) Virtual Private Network (VPN) Telecommunications Services. He explained the contract is for the system by which much of the information is communicated to and from the Authority's facilities in the SCADA system; data communication lines. He also recapped bid results.

#14-173 Authorize the award of a unit price contract for the SCADA Virtual Private Network Telecommunications Services to the lowest responsive, responsible bidder; Frontier Communications of Rochester, Inc., in the bid amount of \$131,120 per year for a five year period.

Mr. Quattrone declared he is a retiree of Frontier with no financial interest.

Moved By: S. Nasca
Seconded By: L. Magguilli
Vote: Passed Unanimously

In discussion of Item #14-174, Mr. Metzger addressed the Members for authorization to standardize on Hach Company turbidimeters, portable chlorine meters, colorimeters and associated reagents, referencing his detailed memorandum documenting the analysis by staff in recommendation of this standardization which was provided to the Board for their prior review.

#14-174 WHEREAS, the United States Environmental Protection Agency (USEPA), New York State Department of Health (NYSDOH) and Monroe County Department of Public Health (MCDOPH) require the Monroe County Water Authority (the "Authority") to perform turbidity, chlorine residual and other water quality testing to confirm compliance with governing water quality regulations; and

WHEREAS, the Authority's Production Maintenance Staff has used Hach Company turbidimeters for more than 30 years, and has developed standard installation, maintenance and calibration procedures to simplify the troubleshooting and calibration of these units; and

WHEREAS, the Authority's Production Operations and Laboratory Staff is familiar with and trained in the operation of Hach turbidimeters, portable chlorine meters, colorimeters, and associated reagents and;

WHEREAS, the Authority has studied whether it should now standardize on Hach Company turbidimeters, portable chlorine meters, colorimeters, and associated reagents in order to maintain efficiency, compatibility and reliability in water quality monitoring; and

WHEREAS, the Authority's Purchasing and Procurement Guidelines has Appropriate Circumstances for Standardization of Goods and Services under which several provisions would be satisfied; and

WHEREAS, the Authority desires to make certain that all of its future needs for approved water quality analyses products can be acquired; and

WHEREAS, upon the recommendation of the Authority's Production and Transmission Department, the Authority has determined that Hach Company turbidimeters, portable chlorine meters, colorimeters, and associated reagents are the most accurate, efficient, reliable and economical systems currently available.

NOW, THEREFORE, BE IT RESOLVED that:



MEMORANDUM

TO: Nicholas Noce

FROM: Richard Metzger, P.E. *RM*

SUBJECT: Standardization – Hach turbidimeters, chlorine meters, colorimeters

DATE: September, 30, 2014

The following documents the standardization analysis by staff for Hach Company turbidimeters, portable chlorine meters, colorimeters, and associated reagents. Board approval is requested.

For many years, Hach equipment was available under a State Contract. They do not currently have a State Contract, so the requested Board resolution will allow the Authority to continue to purchase these products.

Regulatory agencies require the Authority to monitor and report turbidity, chlorine residual and various water quality testing parameters to confirm compliance with water quality and operational regulations. The turbidimeters, portable chlorine meters, colorimeters, and associated reagents manufactured by Hach are the most accurate, efficient, reliable and economical systems for this purpose for the following reasons:

- *Economical:* Standardization on one manufacturer of turbidimeters, portable chlorine meters, colorimeters, and associated reagents allows the staff to stock only the spare parts and calibration standards for that manufacturer's instruments. The addition of a second manufacturer would necessitate purchasing and maintaining a second set of spare parts and calibration standards.
- *Design and Construction:* The standardization on a single manufacturer allows for quick and easy replacement of a failed instrument due to the fact that the wiring and process piping connections would not change.
- *Compliance:* Hach Company Instruments are EPA-certified for reporting purposes. Proper turbidity and chlorine residual monitoring is required by the Federal EPA and the New York State Department of Health. Hach Company turbidimeters, portable chlorine meters, colorimeters, and associated reagents are the overwhelming choice of domestic water suppliers.
- *Uniformity:* Selection of competitive products, although they would be certified as "equivalent", may yield slightly different results which can lead to operational, calibration and other data comparison problems.

- *Employee Training:* Staff is trained in the operation, maintenance and calibration procedures of Hach Company turbidimeters, portable chlorine meters and colorimeters. Repair time is minimized due to the maintenance staff's familiarity with one brand of instrument. The selection of competitive products would require additional training and knowledge for the operations, maintenance and laboratory staff.
- *Inventory:* The Authority currently has an extensive inventory of Hach Company instruments, including 37 online turbidimeters, 4 bench turbidimeters, and more than 20 portable residual meters, all of which are manufactured by Hach Company.

MONROE COUNTY WATER AUTHORITY
REGULAR MEETING – November 13, 2014

Moved By: W. Bleier-Mervis
Seconded By: A. Bernstein
Vote: Passed Unanimously

For Items #14-185, #14-186 and #14-187 – Mr. Noce reported these items are to amend three prior resolutions in order to reflect corrections to the NYS OGS Contract numbers listed in those prior resolutions.

#14-185 Amend resolution #12-160 (ref. 8/9/12) authorizing the purchase of various software licenses including Microsoft Office 2010 & Windows 7 from Dell Marketing LP under NYS OGS contract to reflect correction of the NYS OGS contract number as PT65196.

Moved By: S. Nasca
Seconded By: L. Magguilli
Vote: Passed Unanimously

#14-186 Amend resolution #13-215 (ref. 12/12/13) authorizing the purchase of various Microsoft licenses from Dell under NYS OGS contract to reflect correction of the NYS OGS contract number as PS66134.

Moved By: L. Magguilli
Seconded By: S. Nasca
Vote: Passed Unanimously

#14-187 Amend resolution #14-082 (ref. 4/17/14) authorizing the purchase of various Microsoft licenses from Dell under NYS OGS contract to reflect correction of the NYS OGS contract number as PS66134.

Moved By: W. Bleier-Mervis
Seconded By: A. Bernstein
Vote: Passed Unanimously

In discussion of Item #14-188, Mr. King addressed the Board for renewal of this standardization. He provided information on staff's continued determination that Allen Bradley programmable controllers are still the most efficient and economical system currently available for MCWA and referenced the memorandum from Mr. Metzger on the detailed analysis the Board had received for their prior review.

#14-188 WHEREAS, since the Monroe County Water Authority's (the "Authority") SCADA control system design selected, in the late 1990's, Allen Bradley programmable controllers for the purpose of monitoring and controlling our treatment plant, processes and operations at remote pump stations and storage facilities, and

WHEREAS, the Authority has studied whether it should standardize the source of programmable logic controllers in order to maintain the efficiency of and compatibility within the Authority's SCADA system; and

WHEREAS, the Electrical and Instrumentation staff has developed standard layout, wiring and control logic software of our programmable controller systems to simplify trouble-shooting these devices and the systems they control, and

WHEREAS, the Authority currently has a significant inventory of spare parts, including circuit boards and power supplies, for the existing Allen Bradley programmable controller systems, and

WHEREAS, purchasing a new programmable system would require the Authority to purchase a new inventory of spare parts along with new software licenses and requisite training, and

WHEREAS the Authority owns the software licenses required to program Allen Bradley programmable controllers, and

WHEREAS, the Authority's Purchasing and Procurement Guidelines has Appropriate Circumstances for Standardization of Goods and Services under which several provisions would be satisfied; and



MEMORANDUM

TO: Nicholas A. Noce

FROM: Richard Metzger, P.E. *RAM*

SUBJECT: Standardization – Allen Bradley Programmable Controllers

DATE: October 22, 2014

The following documents the standardization analysis by staff for Allen Bradley Programmable Controllers. Board approval is requested.

Allen Bradley controllers and ancillary equipment (power supplies, I/O cards, cabling and displays) were uniformly incorporated into our SCADA control system that was designed and built in the late 1990's. Since then, MCWA has standardized on Allen Bradley programmable controllers and this standardization was last approved by the Board in October, 2011.

Staff has determined that Allen Bradley programmable controllers and ancillary equipment are still the most efficient and economical system currently available for the Water Authority for the following reasons:

- *Economical:* We currently have a significant spare parts inventory (circuit boards, power supplies, etc.) for the Allen Bradley programmable controller system. We also own the software licenses required to program this system. Purchasing a different programmable system would require us to purchase a new inventory of spare parts along with new software licenses.
- *Design and Construction:* The standardization on a single manufacturer allows for quick and easy replacement of failed equipment and compatibility with our existing SCADA design. The Webster Water Treatment Plant and the Lake Water Pump Station were both constructed with the next generation of Allen Bradley programmable controllers.
- *Uniformity:* Consistent layout, wiring and control logic software for our programmable controller systems simplifies the troubleshooting and understanding of these systems.
- *Employee Training:* We have invested a considerable amount of time training staff in the Allen Bradley system. A second programmable controller system would be more difficult to troubleshoot and repair, negatively impacting reliability. Repair time is minimized due to the maintenance staff's familiarity with one brand of instrument. The selection of competitive products would require additional training and knowledge for the operations, maintenance and laboratory staff.

- *Resources:* Allen Bradley programmable logic controllers have a large presence in the Rochester and North American market and this creates a significant and competitive pool of trained technical and engineering resources available to assist us.

The regional sole source vendor for Allen Bradley equipment is Horizon Solutions (letter attached) and there are currently no State or County contracts with Horizon Solutions. The requested Board resolution will allow the Authority to continue to purchase these controllers and ancillary equipment.

Matthew Robie
300 Red Creek Drive; Suite 100
Rochester, NY 14623
Tel 585 259 2702
mdrobie@ra.rockwell.com

**Rockwell
Automation**

April 25, 2014

George Hanley
Monroe County Water Authority
475 Norris Dr
Rochester NY 14610

George,

Horizon Solutions located at 2005 Brighton-Henrietta Townline Rd, Rochester, NY 14623 and at 1300 College Ave, Elmira, NY 14901 is the only authorized Rockwell Automation / Allen-Bradley distributor for the following counties:

- Genesee (partial)
- Livingston
- Monroe
- Ontario
- Schuyler
- Seneca
- Tompkins
- Wayne
- Wyoming (partial)
- Yates
- Chemung
- Steuben
- Tioga (partial)

Regards,



Matt Robie
Rockwell Automation

**Rockwell
Automation**

LISTEN. THINK. SOLVE.®