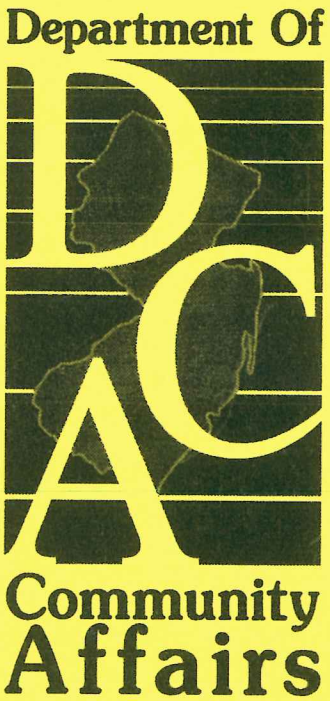
2013 - 2014

Monroe Municipal Utilities Authority/South Jersey
Gloucester County

Authority Water Budget



Division of Local Government Services

2013 - 2014

Monroe Municipal Utilities Authority/South Jersey Gloucester County Water Budget

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

For Division Use Only

CERTIFICATION OF APPROVED BUDGET

It is hereby certified that the approved Budget made a part hereof complies with the requirements of law and the rules and regulations of the Local Finance Board, and approval is given pursuant to N.J.S. 40A:5A-11.

State of New Jersey
Department of Community Affairs
Director of the Division of Local Government Services

By: _____ Date: 6/19/13

CERTIFICATION OF ADOPTED BUDGET

It is hereby certified that the adopted Budget made a part hereof has been compared with the approved Budget previously certified by the Division, and any amendments made thereto. This adopted Budget is certified with respect to such amendments and comparisons only.

State of New Jersey
Department of Community Affairs
Director of the Division of Local Government Services

By: _____ Date: 07/02/2013

2013 - 2014 PREPARER'S CERTIFICATION

Monroe Municipal Utilities Authority/South Jersey Gloucester County

WATER BUDGET

FISCAL YEAR: FROM: July 1, 2013 **TO:** June 30, 2014

It is hereby certified that the Authority Budget, including both the Annual Budget and the Capital Budget/Program annexed hereto, represents the members of the governing body's resolve with respect to statute in that; all estimates of revenue are reasonable, accurate and correctly stated, all items of appropriation are properly set forth and in itemization, form and content, the budget will permit the exercise of the comptroller function within the Authority.

It is further certified that all proposed budgeted amounts and totals are correct. Also, I hereby provide reasonable assurance that all assertions contained herein are accurate and all Supplemental Schedules required are completed and attached.

Preparer's Signature:	Anne Marie Ryan		
Name:	Anne Marie Ryan		
Title:	Assistant Executive Director		
Address:	372 South Main Street Williamstown, NJ 08094		
Phone Number:	856-629-1444	Fax Number:	856-875-3642
E-mail address	aryan@monroemuanj.com		

2013 - 2014 APPROVAL CERTIFICATION

Monroe Municipal Utilities Authority/South Jersey Gloucester County

WATER BUDGET

FISCAL YEAR: FROM: July 1, 2013 **TO:** June 30, 2014

It is hereby certified that the Authority Budget, including Supplemental Schedules appended hereto, are a true copy of the Annual Budget and Capital Budget/Program approved by resolution by the governing body of the Monroe Municipal Utilities Authority, at an open public meeting held pursuant to N.J.A.C. 5:31-2.3, on the 17th day of April , 2013.

It is further certified that the recorded vote appearing in the resolution represents a not less than a majority of the full membership of the governing body thereof.

Secretary's Signature:			
Name:	Jerry Moore		
Title:	Executive Director		
Address:	372 South Main Street Williamstown, NJ 08094		
Phone Number:	856-629-1444	Fax Number:	856-629-1180
E-mail address	jmoore@monroemuanj.com		

AUTHORITY INFORMATION SHEET
2013 - 2014

Please complete the following information regarding this Authority:

Name of Authority:	Monroe Municipal Utilities Authority			
Address:	372 South Main Street			
City, State, Zip:	Williamstown		NJ	08094
Phone: (ext.)	856-629-1444	Fax:	856-875-3642	

Preparer's Name:	Anne Marie Ryan			
Preparer's Address:	372 South Main Street			
City, State, Zip:	Williamstown		NJ	08094
Phone: (ext.)	856-629-1444	Fax:	856-875-3642	

Chief Executive Officer:	Jerry G. Moore		
Phone: (ext.)	856-629-1444	Fax:	856-875-3642
E-mail:	jmoore@monroemuanj.com		

Chief Financial Officer:	Jerry G. Moore		
Phone: (ext.)	856-629-1444	Fax:	856-875-3642
E-mail:	jmoore@monroemuanj.com		

Name of Auditor:	Michael Welding			
Name of Firm:	Bowman & Company			
Address:	6 N. Board Street, Suite 201			
City, State, Zip:	Woodbury		NJ	08096
Phone: (ext.)	856-728-2892	Fax:	856-782-5092	
E-mail:	mwelding@bowmanllp.com			

Membership of Board of Commissioners (Full Name)	**Title**
Mike Milam	Chairman
Joseph DiLolle, Jr.	Vice Chairman
Hank Calloway	Secretary
Nick Pileggi	Treasurer
Robert Simone	Assistant Treasurer
Domenic Mercurio	Alternate Member

2013 - 2014 Authority Water Budget Resolution

Resolution # 46-13

Monroe Municipal Utilities Authority/South Jersey Gloucester County

FISCAL YEAR: FROM: July 1, 2013 **TO:** June 30, 2014

WHEREAS, the Annual Budget and Capital Budget for the Monroe Municipal Utilities Authority for the fiscal year beginning, July 1, 2013 and ending, June 30, 2014 has been presented before the governing body of the Monroe Municipal Utilities Authority at its open public meeting of May 15, 2013; and

WHEREAS, the Annual Budget as introduced reflects Total Revenues of $ 5,781,004.00 , Total Appropriations, including any Accumulated Deficit if any, of $ 5,781,004.00 and Total Unrestricted Net Assets utilized of 0.00 ; and

WHEREAS, the Capital Budget as introduced reflects Total Capital Appropriations of $ 105,000.00 and Total Unrestricted Net Assets planned to be utilized as funding thereof, of $ 0.00 ; and

WHEREAS, the schedule of rates, fees and other charges in effect will produce sufficient revenues, together with all other anticipated revenues to satisfy all obligations to the holders of bonds of the Authority, to meet operating expenses, capital outlays, debt service requirements, and to provide for such reserves, all as may be required by law, regulation or terms of contracts and agreements; and

WHEREAS, the Capital Budget/Program, pursuant to N.J.A.C. 5:31-2, does not confer any authorization to raise or expend funds; rather it is a document to be used as part of the said Authority's planning and management objectives. Specific authorization to expend funds for the purposes described in this section of the budget, must be granted elsewhere; by bond resolution, by a project financing agreement, by resolution appropriating funds from the Renewal and Replacement Reserve or other means provided by law.

NOW, THEREFORE BE IT RESOLVED, by the governing body of the Monroe Municipal Utilities Authority, at an open public meeting held on May 15, 2013 that the Annual Budget, including appended Supplemental Schedules, and the Capital Budget/Program of the Monroe Municipal Utilities Authority for the fiscal year beginning, July 1, 2013 and ending, June 30, 2014 is hereby approved; and

BE IT FURTHER RESOLVED, that the anticipated revenues as reflected in the Annual Budget are of sufficient amount to meet all proposed expenditures/expenses and all covenants, terms and provisions as stipulated in the said Authority's outstanding debt obligations, capital lease arrangements, service contracts, and other pledged agreements; and

BE IT FURTHER RESOLVED, that the governing body of the Monroe Municipal Utilities Authority will consider the Annual Budget and Capital Budget/Program for adoption on June 19, 2013.

Tracy C. Head — 5/16/13

(Secretary's Signature) (Date)

Governing Body Member:	Recorded Vote Aye	Nay	Abstain	Absent
M. Milam	X			
J. DiLolle	X			
H. Calloway	X			
N. Pileggi	X			
R. Simone	X			

5/SMA

MONROE MUNICIPAL UTILITIES AUTHORITY

GLOUCESTER COUNTY - SOUTH JERSEY

FISCAL YEAR 2013-2014

PROPOSED WATER BUDGET

GENERAL INFORMATION

The 2012-13 Fiscal Year resulted in a continuation of near zero housing and commercial construction. A water purchase contract with the Glassboro Water and Sewer Department and New Jersey American Water remains in effect.

The Authority's 2013-14 Fiscal Water Budget reflects an increase from last year's budget of $318,926.00. This increase is due to system expansion, another well was put on line, new water mains are to be installed, escalating costs for water, utilities, chemicals and additional lab tests. Also, the Authority again will be ordering a large number of meters for its ongoing replacement program.

For your analysis, I have attached supplementary information regarding projects currently under construction or pending Authority approval.

Analysis of User Charges:

Before submitting our 2013-14 Budget to the Authority Board of Directors for their review, a preliminary copy is forwarded to our engineer for his evaluation. Based on documentation submitted for examination, it is his opinion that there is sufficient revenue which is supported by our current rates.

MMUA Connection Fees:

In accordance with NJ40: 14B-21 MMUA Water Connection fees were reviewed at the end of our 2011-12 fiscal year. Based on this analysis there was a need to increase this rate. Effective January 2013 a rate increase was adopted.

MMUA Fiscal Year 2013-14
Water Budget

Projection of Revenue:

Revenue projected is estimated to be reasonable and accurate and is considered sufficient to meet all expenses, including debt service.

Inventory of Fixed Assets:

The Monroe Municipal Utilities Authority Revaluation Department has performed an annual update.

Doubtful Accounts:

The Authority will classify any account unpaid after thirty (30) days of presentation as delinquent. Any bill unpaid after forty-four days of presentation will be subject to discontinuation of service after not less than five (5) days written notice.

All revenues/expenditures as stated on the attached were rounded to the nearest dollar.

MONROE MUNICIPAL UTILITIES AUTHORITY

372 S. Main Street • Williamstown, NJ 08094-1727
Phone: (856) 629-1444 • Fax: (856) 875-9469
Website address: www.monroemuanj.com
E-mail: info@monroemuanj.com

Dear MMUA Customer:

This Authority maintains the public sewer and water service in Monroe Township. The Authority Business office is located at 372 South Main Street. We are open 8 A.M. to 5 P.M. Monday through Friday. For billing call (856) 629-1444; for service call (856) 629-7586. If you are in need of EMERGENCY SERVICE AFTER BUSINESS HOURS OR ON WEEKENDS OR HOLIDAYS, PLEASE CALL OUR OPERATIONS DEPARTMENT AT (856) 629-7586.

There are no tax monies supporting the Authority. Its debt service and operational expenses must be paid by revenue received from customer service fees.

For your information the Authority is governed by a five member Board. On an annual basis the Township Council appoints or reappoints a member to serve a five-year term. Our present Board Members are: Mr. Mike Milam, Chairman, Mr. Joseph DiLolle, Jr., Vice-Chairman, Mr. Hank Calloway, Secretary, Mr. Nick Pileggi, Treasurer, Mr. Robert Simone, Assistant Treasurer and Mr. Domenic Mercurio, Alternate Board Member. Authority meetings are held the third Wednesday of each month at the Authority Office, and the ***PUBLIC IS WELCOME.*** *Meetings begin promptly at 7 P.M.*

We are pleased to inform you that the Monroe Municipal Utilities Authority is on the Internet. Any information you need to know relating to this Authority can be obtained by visiting our web site at ***www.monroemuanj.com****.*

Our Operations and Administrative Staff take pride in maintaining a safe, healthy water system and sewerage collection system. If you should have a water or sewer problem, please contact us immediately. Every effort will be made to remedy your problem as quickly as possible.

Enclosed for your information are pertinent facts relating to MMUA Operations and Procedures together with a copy of our Consumer Confidence Report. The Authority is required to forward to all its consumers a copy of the Water Quality Report on an annual basis.

Included is our PAAD Program MUA Discount Application. Additionally we offer a rate schedule applicable to veterans. Please contact our office for information.

MONROE MUNICIPAL UTILITIES AUTHORITY

GENERAL INFORMATION
RELATIVE TO THE OPERATIONS
OF THE
MONROE MUNICIPAL UTILITIES AUTHORITY

RATES-RESIDENTIAL

Sewer: $436.43 annually; billed monthly at $36.37

Water: $198.00 annually; billed monthly at $16.50. Each monthly minimum bill represents a consumption allowance of 3,500 gallons/ 42,000 gallons annually

Thereafter Excess Water Per Thousand Gallons:

3500-10,000 Gallons	*$4.00 Per Thousand Gallons*
11,000-20,000 Gallons	*$5.00 Per Thousand Gallons*
21,000-30,000 Gallons	*$6.00 Per Thousand Gallons*
31,000 and over	*$7.00 Per Thousand Gallons*

A single bill for water services will be rendered monthly to each customer. The bill will be printed the first of the month and rendered as soon thereafter as practicable.

DELINQUENT ACCOUNTS

Any bill unpaid after thirty (30) days as of the date of the bill shall be classified as delinquent and assessed interest at the rate of 1 ½% per month. Any bill unpaid after forty-four (44) days of presentation shall be subject to discontinuance of service after not less than five (5) days of written notice. If service is discontinued for nonpayment of the account, it will not be restored until the turn-on fee (payable in cash) plus all unpaid charges are paid or satisfactory arrangements have been made for payment.

MISCELLANEOUS CHARGES

Returned Check Assessment: $25.00

Meter Service:
Service Charge for repair to tampered meter and parts ..... $ 50.00

Restoration fee following shut-off for Wtr./Swr. Del.. $ 50.00
** up to $150.00.....*

Customer request for termination of water service .... $ 30.00

Restoration fee following shut-off at customer's request ..... $ 30.00

Test of meter at customer's request (for each water service meter having an outlet

not exceeding 1 inch) ..... $ 25.00
(per inch for other water service meters larger
than 1 inch in diameter) ..... $ 50.00

INITIAL BILLING-NEW HOMES: Water and sewer charges begin with the issuance of the Certificate of Occupancy. The Maintenance of the water meter and all charges incurred on the bill are the responsibility of the developer until the Certificate of Occupancy is issued. Upon the issuance of the Certificate of Occupancy, which is the result of inspection and approval by the Township Building Inspector, all charges and maintenance of the meter become the new homeowners responsibility.

SEWER AND WATER: (minimum charge) is charged in advance for a calendar month beginning with the billing date on the bill. Excess water is charged on actual water usage on the date of the meter reading. Meters will be read on a monthly basis.

SETTLEMENT-RESALE HOMES: Sewer and Water Charges due on the customer's account are a municipal lien against the property and are paid at settlement.

WATER METER LEAK: Call the Authority for service; there is no charge for this repair. If the meter is tampered with or removed, call immediately.

METER READING: When a meter malfunctions it can only run slower, not faster. If a customer insists on a meter testing for accuracy there is a fee. If the meter is found to be faulty, the fee will be returned, and the customer will be billed average domestic usage for the disputed time period, and a new meter will be installed.

CLOUDY WATER: Cloudiness is usually caused by air...open one faucet in your home and let it run; then fill a glass, you will see that the water has cleared. If you are near new construction or if a fire hydrant has been opened near you, occasionally the water may be cloudy. Let the water run; it will clear.

CURB VENTS: These are your property and your responsibility. If the cover is damaged or missing, debris can fall into the curb vent and cause blockage. Replacement for curb vents may be purchased at a plumbing supply establishment.

BLOCKAGES: The lateral from the curb to main shall be the responsibility of the Authority. Curb vents and vertical inspection risers are the property of the homeowner who shall have the responsibility for its repair, operation, and maintenance. As a public service, the Authority upon the owner's request, will plunge the curb vent on his initial request. If the blockage remains, the Authority's delegate will determine to the best of his judgement the location of the blockage. If it is judged that the blockage is between the curb and building, the owner will be notified that it is his responsibility. If it is judged that the blockage is between the curb lin and the main, the Authority will take whatever action is necessary to clear and repair the line.

BELOW GRADE SANITARY INSTALLATIONS

The sanitary sewer main system at the time it is installed in the street is correctly engineered and inspected so the manhole will be the natural outflow for sewage in case of a main blockage. It has always been the responsibility of the house builder to build the house (which is constructed after the street system is completed) at the proper elevation t prevent any sanitary fixtures from being below the elevation of the main in the street.

In homes where the builder has failed to do this, sewage backup problems have occurred; and the homeowner has been notified by the Authority that he should install and maintain a check valve. (A permit must be obtained from the Plumbing Inspector's Office before installing a check valve.) The Authority, while sympathetic to the problem of the homeowner, is not legally responsible for sewage backup from a main blockage when the house has a below grade installation. RE: NATIONAL STANDARD PLUMBING CODE, Section 11.8: Backwater Valve Requirements.

Drainage piping service fixtures that are located below the elevation of the curb at the point where the building sewer crosses under the curb or property line and above the crown level of the main sewer, may drain by gravity into the main sewer and shall be protected from back flow of sewage by installing an approved type of back water valve.

If sewage should back up into your home, stuff the point of entrance with rags and call the Authority's Operations Department at (856) 226-3628. ***WE DO HAVE A 24-HOUR EMERGENCY SERVICE AS DESCRIBED ABOVE.***

2014

AUTHORITY BUDGET

WATER
(OPERATION)

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

---ANTICIPATED REVENUES---

OPERATING REVENUES	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED or AMENDED BUDGET
SERVICE CHARGES	A-1	$5,313,194	$4,892,268
CONNECTION FEES	A-2	$320,000	$405,000
PARKING FEES	A-3		
OTHER OPERATING REVENUES	A-4	$141,560	$147,310
TOTAL OPERATING REVENUES	**R-1**	$5,774,754	$5,444,578

NON-OPERATING REVENUES	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED or AMENDED BUDGET
OPERATING GRANTS & ENTITLEMENTS	A-5		
LOCAL SUBSIDIES & DONATIONS	A-6		
INTEREST ON INVESTMENTS AND DEPOSIT	A-7	$6,250	$17,500
OTHER NON-OPERATING REVENUES	A-8		
TOTAL NON-OPERATING REVENUES	**R-2**	$6,250	$17,500
TOTAL ANTICIPATED REVENUES (R-1 + R-2)	**B-1**	$5,781,004	$5,462,078

2014

AUTHORITY BUDGET

WATER
(OPERATION)

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

---BUDGETED APPROPRIATIONS--

--OPERATING APPROPRIATIONS--

ADMINISTRATION	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED or AMENDED BUDGET
SALARY & WAGES		$393,712	$393,712
FRINGE BENEFITS		$207,738	$198,558
OTHER EXPENSES		$280,992	$262,600
TOTAL ADMINISTRATION	**E-1**	$882,442	$854,870

COST OF PROVIDING SERVICES	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED or AMENDED BUDGET
SALARY & WAGES		$918,663	$918,663
FRINGE BENEFITS		$484,721	$463,301
OTHER EXPENSES		$1,715,500	$1,447,000
TOTAL COST OF PROVIDING SERVICES	**E-2**	$3,118,884	$2,828,964
TOTAL PRINCIPAL PAYMENTS ON DEBT SERVICE IN LIEU OF DEPRECIATION	**D-1**	$1,156,000	$1,117,750
TOTAL OPERATING APPROPRIATIONS (E-1 + E-2 + D-1)	**B-2**	$5,157,326	$4,801,584

2014

AUTHORITY BUDGET

WATER
(OPERATION)

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

---BUDGETED APPROPRIATIONS--

--NON-OPERATING APPROPRIATIONS--

	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED or AMENDED BUDGET
TOTAL INTEREST PAYMENTS ON DEBT	D-2	$623,678	$660,494
OPERATIONS & MAINTENANCE RESERVE			
RENEWAL & REPLACEMENT RESERVE(S)	C-1		
MUNICIPALITY/COUNTY APPROPRIATION			
OTHER RESERVES	C-2		
TOTAL NON-OPERATING APPROPRIATIONS	**B-3**	$623,678	$660,494
ACCUMULATED DEFICIT	**B-4**		
TOTAL OPERATING & NON-OPERATING APPROPRIATIONS & ACCUMULATED DEFICIT (B-2 + B-3 + B-4)	**B-5**	$5,781,004	$5,462,078
UNRESTRICTED NET ASSETS UTILIZED:			
MUNICIPALITY/COUNTY APPROPRIATION	R-3a		
OTHER	R-3b		
LESS: TOTAL UNRESTRICTED NET ASSETS UTILIZED (R-3a + R-3b)	**R-3**		
NET TOTAL APPROPRIATIONS (B-5 - R-3)	**B-6**	$5,781,004	$5,462,078

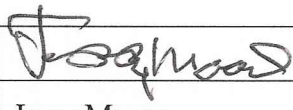
2013 – 2014 ADOPTION CERTIFICATION

Monroe Municipal Utilities Authority/South Jersey Gloucester County

WATER BUDGET

FISCAL YEAR: **FROM:** July 1, 2013 **TO:** June 30, 2014

It is hereby certified that the Authority Budget and Capital Budget/Program annexed hereto is a true copy of the Budget adopted by the governing body of the Monroe Municipal Utilities Authority, pursuant to N.J.A.C. 5:31-2.3, on the 15th day of, May, 2013.

Secretary's Signature:			
Name:	Jerry Moore		
Title:	Executive Director		
Address:	372 South Main Street Williamstown, NJ 08094		
Phone Number:	856-629-1444	Fax Number:	856-629-1180
E-mail address	jmoore@monroemuanj.com		

2013 - 2014 ADOPTED WATER BUDGET RESOLUTION

Resolution # 55-13

Monroe Municipal Utilities Authority/South Jersey Gloucester County

FISCAL YEAR: FROM: July 1, 2013 **TO:** June 30, 2014

WHEREAS, the Annual Budget and Capital Budget/Program for the Monroe Municipal Utilities Authority for the fiscal year beginning July 1, 2013 and ending, June 30, 2014 has been presented for adoption before the governing body of the Monroe Municipal Utilities Authority at its open public meeting of June 19, 2013; and

WHEREAS, the Annual Budget and Capital Budget as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the introduced and approved budget, including all amendments thereto, if any, which have been approved by the Director of the Division of Local Government Services; and

WHEREAS, the Annual Budget as presented for adoption reflects Total Revenues of $ 5,781,004.00, Total Appropriations, including any Accumulated Deficit, if any, of $ 5,781,004.00 and Total Unrestricted Net Assets utilized of $ 0.00; and

WHEREAS, the Capital Budget as presented for adoption reflects Total Capital Appropriations of $ 105,000.00 and Total Unrestricted Net Assets planned to be utilized of $ 0.00; and

NOW, THEREFORE BE IT RESOLVED, by the governing body of Monroe Municipal Utilities Authority, at an open public meeting held on June 19, 2013 that the Annual Budget and Capital Budget/Program of the Monroe Municipal Utilities Authority for the fiscal year beginning, July 1, 2013 and, ending, June 30, 2014 is hereby adopted and shall constitute appropriations for the purposes stated; and

BE IT FURTHER RESOLVED, that the Annual Budget and Capital Budget/Program as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the introduced and approved budget, including all amendments thereto, if any, which have been approved by the Director of the Division of Local Government Services.

(Secretary's Signature) 6/19/13 (Date)

Governing Body Member:	Recorded Vote Aye	Nay	Abstain	Absent
M. Milam	x			
J. DiLolle	x			
H. Calloway	x			
N. Pileggi	x			
R. Simone	x			

2013 – 2014

Monroe Municipal Utilities Authority/South Jersey Gloucester County

AUTHORITY CAPITAL WATER BUDGET/ PROGRAM

2013 - 2014 CERTIFICATION of AUTHORITY CAPITAL WATER BUDGET/PROGRAM

Monroe Municipal Utilities Authority/South Jersey
Gloucester County

FISCAL YEAR: FROM: July 1, 2013 **TO:** June 30, 2014

[X] It is hereby certified that the Authority Capital Budget/Program annexed hereto is a true copy of the Capital Budget/Program approved, pursuant to N.J.A.C. 5:31-2.2, along with the Annual Budget, by the governing body of the Monroe Municipal Utilities Authority, on the 15th day of May, 2013.

OR

[ ] It is further certified that the governing body of the _____ Authority have elected **NOT** to adopt a Capital Budget /Program for the aforesaid fiscal year, pursuant to N.J.A.C. 5:31-2.2 for the following reason(s):_____

Secretary's Signature:			
Name:	Jerry Moore		
Title:	Executive Director		
Address:	372 South Main Street Williamstown, NJ 08094		
Phone Number:	856-629-1444	Fax Number:	856-629-1180
E-mail address	jmoore@monroemuanj.com		

2013 - 2014 Capital Water Budget/Program Message

Monroe Municipal Utilities Authority/South Jersey Gloucester County

FISCAL YEAR: FROM: July 1, 2013 **TO:** June 30, 2014

1. Has each municipality or county affected by the actions of the authority participated in the development of the capital plan and reviewed or approved the plans or projects included within the Capital Budget/Program?

Yes, the MUA consulted with Township and County Government.

2. Has each capital project/project financing been developed from a specific capital improvements plan or report; does it include full lifecycle costs, and is it consistent with appropriate elements of Master Plans or other plans in the jurisdictions served by the authority?

Yes, the engineer develops plans for the design stage of all included projects.

3. Has a long-term (10-20 years) infrastructure needs assessment or other capital plan with a horizon beyond six years been prepared?

Yes, the MUA has an assessment.

4. Describe the projected impacts of the proposed capital projects, including impact on the schedule of rates, fees, and service charges and the impact on current and future year's schedules.

The proposed program will have no impact on user charges in the current year.
After project financing is complete a review of rates for future budgets will be addressed.

5. Please indicate which capital projects/project financings are being undertaken in the Metropolitan or Suburban Planning Areas as defined in the State Development and Redevelopment Plan.

N/A

6. Please indicate which capital projects/project financings are being undertaken within the boundary of a State Planning Commission-designated Center and/or Endorsed Plan and if the project was included in the Plan Implementation Agenda for that Center/Endorsed Plan?

N/A

FEDERICI & AKIN, P.A.
CONSULTING ENGINEERS

Joseph P. Federici, Jr. P.E., P.P.
President
Douglas E. Akin, P.L.S., P.P.
Vice President

Bret T. Yates
Director of Marketing

307 Greentree Road
Sewell, New Jersey 08080
856-589-1400
Fax 856-582-7976

March 21, 2013
File No. 13061

Mr. Jerry G. Moore, Executive Director
Monroe Municipal Utilities Authority
372 South Main Street
Williamstown, New Jersey 08094

Re: **Annual Report on Operation of the System – 2013**
Monroe Municipal Utilities Authority
Monroe Township, Gloucester County, New Jersey

Dear Mr. Moore

In accordance with Paragraph 609 of the resolution authorizing the issuance of Revenue Bonds of the Monroe Municipal Utilities Authority, adopted June 8, 1960, we are presenting a report of our inspection including advice and recommendations for the repair, maintenance and operation of the system during the ensuing fiscal year.

The Authority Superintendent, Ralph J. Manfredi, Jr., and this office conducted a field visit to observe the Authority's sanitary sewer and water systems.

An analysis of the system is as follows:

I. WATER FACILITIES

A. Storage Facilities

1. Existing Facilities: The Monroe Municipal Utilities Authority storage facilities consist of three (3) elevated steel and three (3) concrete ground storage tanks; a breakdown is as follows:

Location	Capacity	Usable Vol. (Gal.)	Construction
Herbert Boulevard	300,000	300,000	Elevated Steel
Corkery Lane	1,000,000	1,000,000	Elevated Steel
Knights of Columbus	1,000,000	1,000,000	Elevated Steel
Black Horse Pike	2,000,000	2,000,000	Ground Storage-Concrete
Tuckahoe Road	2,000,000	2,000,000	Ground Storage-Concrete
Rt. 322	2,000,000	2,000.000	Ground Storage-Concrete
	Total:	**8,300,000**	

As stipulated in Section 7:19-6.7 of the New Jersey Department of Environmental Protection's Water Supply Allocation Rules, the usable storage requirements exclusive of fire flow requirements shall be 80% of one day's supply. (Type ii System) A summary of the most recent water usage is as follows:

Water	Usage	Glassboro	Average Annual Daily Flow
1985	385,205,000		1,055,356
1986	346,969,000		950,600
1987	393,512,000		1,078,115
1988	473,163,000		1,296,337
1989	502,252,000		1,376,033
1990	505,704,000		1,385,490
1991	549,693,000		1,506,008
1992	508,274,000		1,392,531
1993	486,650,000		1,333,288
1994	466,965,000		1,279,411
1995	509,995,000		1,397,247
1996	499,362,000		1,368,115
1997	609,343,000		1,669,433
1998	674,973,000		1,849,241
1999	648,528,000		1,776,789
2000	678,675,000		1,859,384
2001	776,451,000		2,127,263
2002	760,705,000		2,084,123
2003	776,830,000		2,128,227
2004	814,427,000		2,231,307
2005	916,667,000		2,511,416
2006	976,183,000		2,674,474
2007	884,995.000*		2,424,644
2008	776,375,000*		2,127,055
2009	668,930,000*	179,515,000	2,324,507
2010	788,717,000*	173,871,000	2,637,227
2011	705,282,000*	179,676,000	2,424,545
2012	762,945,000*	179,926,000	2,583,208

The total storage capacity of the system equals 8.3 million gallons. The required minimum equals 80% of maximum average daily demand or 2.07 million gallons. Therefore, based strictly upon New Jersey Department of Environmental Protection guidelines, the present storage capacity exceeds 80% the average daily annual daily use of 2.07 million gallons. Based on historical data, the peak flow per day, taken over the course of a month is approximately 1.4 to 1.8 times the average daily flow. Utilizing this factor yields peak monthly daily flows of 3.73 million gallons per day. Based upon the above, during peak monthly demands, there must be adequate supply to replenish the storage tanks.

* Represents only water pumped from Authority wells.

2. Proposed Modifications and Additions (Storage Facilities)

- No new modifications or additions are anticipated for 2013, however, the Authority is to engage the services of a tank inspection company to perform internal and external inspections. External inspections to be done annually, internal inspections to be done every (5) five years.

B. Water Supply

1. Existing Facilities: The Monroe Municipal Utilities Authority presently has in service six (6) production wells and two (2) ASR wells. The following describes each facility:

Well No.	Location	Depth	GPM	Operation Date	HP	Maintenance & Inspection	Elevation
5	Water Street	160'	520 (1982)	1967	40	Annually	165.28
6	Lake Avenue	144'-3	375 (1982)	1971	30	Annually	144.25
7	Corkery Lane	143'	800 (1989)	1978	60	Annually	151.381
8	Black Horse Pike		400 (1989)	1989		Annually	153.09
9	Route 555	110'	300	1997	30	Annually	163.10
10	Route 555	100'	300	1997	30	Annually	157.80
11	(ASR) Corkery Lane	1,000'	1,500	2001	250	Annually	
12	Coles Mill Road	370'	425	2008	60	Annually	119.75
14	(ASR) Black Horse Pike	1,000'	1,700	2001	250	Annually	

TOTAL GPM: 6,320

Well No. 4 was sealed in the fall of 1991.

An analysis of the capacity of the water supply system to accommodate future flows should be considered. The pumping system must be adequate for a maximum pumping period for 18 hours, with the largest pump out of service.

6320 GPM – 1700 (largest unit) x 1,440 min./day x 75% = 4,989,600 gallons.

As previously shown, the average daily flow for the year 2012 was 2.58 million gallons per day, which is less than the available pumpage with the largest unit out of the service. However, maximum monthly demands indicate peaks of 1.4 to 1.8, thereby underlying the need to continue to monitor usage and develop alternate sources.

2. Proposed Modifications and Additions (Water Supply)

- The Authority has received allocation for the Piney Point Well, known as Well 13. Preliminary tests indicated that this well should produce approximately 225 gpm. It is located in the southerly end of the township on Jackson Road. A pump test to verify capacity was conducted in 2009, with the results yielding a similar rate to the original test pump. The Authority is proceeding with the installation and operation of Well No. 13. Construction for Well No. 13 and the applicable treatment is anticipated for completion in 2013.
- The Authority is currently constructing VOC air strippers and GAC filters for installation at Wells No. 9 and No. 10. It is anticipated this work will be done in 2013.
- The Authority submits reports to the New Jersey Department of Environmental Protection, Bureau of Safe Drinking Water, to provide an update regarding the Authority's efforts concerning source capacity.
- The Authority Superintendent has engaged A.C. Shultes, Inc. to perform a service check of the Authority wells. The report, issued by A.C. Shultes, Inc. has been reviewed by the Authority Superintendent. Once a year Complete Control Systems cleans and calibrates all instrumentation at the Authority wells.
- The Authority is servicing and upgrading the pump at Well No. 8. Additionally, the well is to be redeveloped. Work to be done in 2013.
- The Authority is considering a method of heating the riser pipes on Air Strippers at Wells 5, 6, 7, 8, 9 and 10 to alleviate potential freezing issues during winter months.
- A summary of the well treatment is as follows:

CB 2C

Improvement Type	Well 5 # Units	Well 6 # Units	Well 7 # Units	Well 8 # Units	Well 9 # Units	Well 10 # Units	Well # 12 # Units
GAC Filter	2	1	2	2	-	-	-
Air Stripper	1	1	1	1	-	-	-
Clearwell	1	1	1	1	-	-	1

- All wells are operating satisfactorily.

- The Authority is proposing to replace the filter media in each of its wells which operate with GAC filters. The schedule for such replacement is 1 filter per year. The filter media replacement programs will rotate the wells for operational purposes. During 2012 the Authority replaced media on (1) one vessel at Well No. 6 and (1) one vessel at Well No. 7. For year 2013 the Authority is currently replacing the media on Vessel No. 2 at Well No. 7.

- The Authority entered into a contract to purchase water from the Borough of Glassboro. The Authority purchases 15.25 mg/mo.

C. Distribution System

1. Existing Facility: The distribution system of the Authority is a mix of old and relatively new lines. The center of town is the oldest section with the newer lines on the fringes of the town and progressing outward. Significant items regarding the distribution system are as follows:

   - The Authority has emergency interconnections with Washington Township, Clayton (2), and Glassboro.

   - The Authority utilizes an internal water master plan to coordinate development of the distribution system to provide a system capable of providing services to its users.

   - The Authority should continue to require adequate sized mains to be looped throughout the town.

2. Proposed Modification and Additions (Distribution System)

   - The Authority's Water Master Permit expires May 31, 2013. The renewal application for the year 2013 is currently being prepared. The permit is an annual permit and must be applied for each year by March 1st for reissuance by June 1st of that year.

   - The Authority is proposing to extend a 16" transmission main from the Ground Storage Tank at Route 322 (Glassboro Tank) to an existing 12" main on Fries Mill Road. This 16" main will provide a means of supplying additional pressure to the system.

   - Within the next 5 years the Authority proposes to replace watermain on Winslow Road. For 2013 the Authority, is proposing to replace main on Red Oak Drive in Forest Hills.

   - The Authority is presently considering the following projects for construction within the next 10 years.

     -Cross Keys area- In order to provide water service to an older developed area of the Township, it is proposed to extend a 12 or 16 inch main from the existing 12 inch main on Berlin Cross Keys Road adjacent to Sunny Estates, and extend to Cross Keys Avenue on each side, along Main Street and Tuckahoe Road. Ultimately, the mains are to be extended into Williamstown, finalizing the loop.

-Radix Road area- In order to loop the service provided to users on Radix Road, it is proposed to extend a 12 inch main from Radix Road to New Brooklyn Road.

-Teresa Lane and Battles Road-In order to provide service to an area of the Township that is fully developed and where there exists no possibility of future development providing service, it is proposed to extend a water main across the Black Horse Pike and loop an 8 inch main.

-Black Horse Pike-In order to complete the 12 inch main on the southwesterly side of the Pike from the Knight's of Columbus tank to the Township line at Washington Township, it is proposed to extend a 12 inch main from the terminus at approximately the Williamstown Animal Hospital to the newly constructed main at Colonial Estates.

- There are several projects, which are under design, construction or have received Form A or Form B approval from the Authority, which will have an impact upon the extension of mains throughout the system. These projects include Stirling Glen I and II, Smithfield, Morgan Landing, Federal Hill, Pin Oak Estates, Colonial Estates and Summerfields West.
- The Authority intends to replace older mains within the system with their in-house forces as time and funding permits.

II. SANITARY SEWER FACILITIES

A. Pump Stations

1. Existing Facilities

The Authority has, within its operation, the following pump stations:

1. Equalization Tank (901)
2. Black Horse Pike (902)
3. Briarwood (903)
4. Forest Drive (904)
5. Kimberly West (905)
6. Chelsea Farms (906)
7. Ettore Drive (907)
8. Twelve Oaks (908)
9. Melva Lane (909)
10. Blue Bell Farms (910)
11. Lake Avenue (911)
12. Scotland Run (912)
13. North Shore Pumping Station (913)
14. Lake Avenue South (914)
15. Williamsburg Village (915)
16. Deschler Farms (916)
17. The Ridings (917)
18. Tweed Farms (918)
19. Nationwide (919)
20. Preserves (920)
21. Arbours (921)
22. Saddlebrook Chase (922)
23. Carriage Glen (923)
24. Savona (924)
25. Chestnut Greene (925)

26. Scotland Commons (926)
27. Federal Hill (927) - under construction, not accepted

    a. (901) Equalization Tank – See II. B.

    b. (902) Black Horse Pike Pumping Station pumps to a gravity main in the Black Horse Pike south of Jefferson Avenue, which flows to the Equalization Tank.

       This station receives a large portion of the township's total flow

    c. (903) Briarwood Pumping Station pumps to a gravity main in Forest Drive at Aspen Road, which flows into Forest Hills Pumping Station.

    d. (904) Forest Hills Pumping Station pumps to a gravity main in the Black Horse Pike at Corkery Lane, which flows to the Equalization Tank. This station is scheduled for replacement in 2014.

    e. (905) Kimberly West Pumping Station pumps to a gravity main at the Equalization Tank. This station is scheduled for replacement in 2013.

    f. (906) Chelsea Farms Pumping Station pumps to a gravity main in Sicklerville Road at Radix Road, which flows to the Black Horse Pike Pump Station.

       The Station is currently operating at near maximum capacity.

    g. (907) Ettore Drive Pumping Stations pumps to a gravity main in Ettore Drive at Harvard Place, which flows to the Black Horse Pike Pump Station.

    h. (908) Twelve Oaks Pumping Station pumps into the County force main on Tuckahoe Road

    i. (909) Melva Lane-was recently constructed and is fully operational.

    j. (910) Blue Bell Village Pumping Stations pumps to a gravity main in Thackery Lane at Blue Bell Road which flows to the Equalization Tank.

    k. (911) Lake Avenue Pumping Station pumps to a gravity main in Kent Road at Pine Street, which flows to the Black Horse Pike Pump Station.

    l. (912) Scotland Run Pumping Station pumps directly into the GCUA force main at Tuckahoe Road. This station was upgraded in 2009 to a submersible type station with new pumps, davit, and generator.

    m. (913) North Shore Pumping Station pumps to a gravity main in North Shore Drive, which flows to Lake Avenue South Pumping Station.

    n. (914) Lake Avenue South Pumping Station pumps to a gravity main in the Black Horse Pike at Malaga Road, which flows to the Equalization Tank. The Authority upgraded this station in 2011 by replacing the pumps, and general upgrades.

    o. (915) Williamsburg Village Pumping Station pumps into a gravity main in Concord Drive near the Black Horse Pike, which flows to the Equalization Tank.

    p. (916) Deschler Farms Pumping Station pumps directly into the GCUA force main east of Whispering Woods Drive.

    q. (917) The Ridings – This project is located on Fries Mill Road and Stanger Avenue, adjacent to Hunter Woods. This station pumps into the gravity main on Fries Mill Road.

r. (918) Tweed Farms Pumping Station pumps along Andrew Road, Jones Lane and New Brooklyn Road to a manhole in Walnut Street

s. (919) Nationwide Pumping Station pumps to the new GCUA equalization tank on Fries Mill Road.

t. (920) The Preserves Pumping Station is located at the Preserves subdivision and services the adjacent area. This pump station ultimately discharges into the Kimberly West Pump Station.

u. (921) The Arbours Pumping Station is a pump station within the Arbours Subdivision, along Blue Bell Road.

v. (922) Saddlebrook Chase Pumping Station pumps into a manhole on Radix Road.

w. (923) Carriage Glen pumps along Malaga Road to a manhole at the Black Horse Pike. This station pumps via force main under the Black Horse Pike.

x. (924) Corkery Square/Savona pumps into a manhole at Corkery Lane and Black Horse Pike.

y. (925) Chestnut Greene (Corkery Lane Estates) pumps into a manhole within the project, which ultimately discharges to the Blue Bell Road, pump station.

z. (926) Scotland Commons - This is a new station, which is a subregional station, constructed at a depth to service the adjacent watershed, as per the Authority pump station master plan.

zz. (927) Federal Hill - This is a new station under construction.

- Pump Station Service Checks

  The Authority Superintendent has engaged Deltronics and ITT Flygt to perform a service check of the Authority pump stations. The Superintendent has reviewed the report issued by Deltronics and the outstanding items shall be addressed as the budget permits, on a priority basis.

2. Proposed Pump Stations

   There are several projects before the Authority, which are at various stages of approval, which include pump stations. These projects are briefly listed below:

   a. Stirling Glen I – This project is approved to be constructed on Fries Mill Road, adjacent to Scotland Run Country Club.

   b. Smithfield – This project is located on Route 322, Glassboro-Cross Keys Road and Rex Avenue. The proposed station for the site will provide service for the watershed area.

   c. Equestrian Farms – This project is located adjacent to the Eastwoods project. Pump station is designed to accommodate the Eastwoods project.

   d. Morgan Landing – This project's pump station will service the immediate area of Morgan Road.

   e. Malaga Road Tract-The project is located on Malaga Road, northeast of the intersection with Winslow Road.

3. Proposed Modifications and Additions (Pump Stations)

   - Following are the proposed replacements and/or modifications:

- 904 Forest Hills Pump Station- This station is scheduled for replacement in 2014. This will include new wet well and pumps.

- 905 Kimberly West Pump Station- This station is scheduled for replacement in 2013. The existing station is old and undersized for the watershed.

- 908 Twelve Oakes Pump Station- This station is scheduled for a generator replacement.

- 915 Williamsburg Village Pump Station- This station requires the addition of a generator or Dry-Prime Pump.

- 916 Deschler Farms Pump Station- This station is scheduled for installation of VFD drives for both pumps.

- 918 Tweed Farms Pump Station- The Authority is proposing to install a Flyght Controller to randomly pump the wetwell empty for cleaning.

- 920 The Preserves Pump Station- The station needs to have an access hatch upgraded.

-926 Scotland Commons Pump Station- The Authority has applied for a NJDOT access permit to provide a driveway from Route 322.

B. Equalization Tank (Pump Station 901)

1. Existing Tank and associated system- the tank and associated system are operating satisfactorily.
2. Proposed Modifications and Additions (Equalization Tank)

- The Authority has scheduled for 2013 a pump drawdown of the equalization tank for an inspection.

C. Collection System

1. Existing System

- The Authority Collection System is in good condition, although there are areas that are considered high maintenance areas. The following high maintenance areas are being scheduled for a video review:

  - Route 322 in the area of Eldridge Avenue.

  - Lake Avenue - from Black Horse Pike to Herbert Boulevard

  - North Main Street - south of Pine Street

  - South Main Street - in the area of Evelyn Avenue

  These areas of the system are being considered for replacement with new PVC mains.

- The Authority has a maintenance program in place, where designated mains are cleaned once a year. Trouble spots are identified and cleaned once a month.

2. Proposed future modifications

- There are several areas of the Township where gravity sewer does not exist and where the Authority may consider servicing. These areas are listed as follows in no order.

  - Cross Keys Area- It is possible to extend sanitary sewer form the Nationwide pump station to Cross Keys and then to Main Street and Tuckahoe Road. It is also possible to service Cross Keys Avenue with this extension.

- Crystal Lakes Area-The Authority was previously involved with the installation of water in this area. In order to service this area it would be necessary to construct a pump station.

- Eastwoods Area-This area also was previously serviced with water. In order to provide sanitary sewer it would be necessary to construct a pump station and upgrade the Kimberly pump station.

- Harrell and Grandview Avenues-This area, will at the time of the proposed Hamilton Green subdivision construction, have a manhole on Main Street deep enough to accommodate much of the area by gravity.

- Roun Avenue-This area could be serviced by gravity sewer utilizing the recently constructed Justin Commons pump station.

- Prosser Avenue-It may be possible to service this area with gravity sewer utilizing the proposed sanitary sewer from the Crossings project.

CAPITAL PROJECT COST SUMMARY

	2013/2014	5 Years
Sanitary Sewer		
Kimberly West P.S. - Replacement	$750,000	
Rt. 322 - Sewer Main Replacement	$100,000	
Lake Ave. - Sewer Main Replacement		$75,000
N. Main Street - South of Pine St. Sewer Replacement		$100,000
S. Main Street - Evelyn Ave. Sewer Replacement		$100,000
Administration Building roof		$25,000
Water		
Air Stripper Heating System	$30,000	$150,000
Red Oak Drive Water Replacement	$75,000	
Administration Building roof		$25,000

IV. CONCLUSION

Based upon my review, I believe the Authority's physical system to be in good condition. Should you have any questions, please do not hesitate to contact this office.

CB 21

Very truly yours,

FEDERICI & AKIN, P.A.

Joseph P. Federici, Jr., P.E., C.M.E.
Authority Engineer

JPF/dea

2014

WATER

AUTHORITY CAPITAL BUDGET

(OPERATION)

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

PROPOSED YEAR'S CAPITAL IMPROVEMENT PLAN

			FUNDING SOURCES			
	DESCRIPTION	ESTIMATED TOTAL COST	UNRESTRICTED NET ASSETS	RENEWAL & REPLACEMENT RESERVE	DEBT AUTHORIZATION	OTHER SOURCES
A	Air Stripper Heating System	$30,000		$30,000		
B	Red Oak Drive Water Replacement	$75,000		$75,000		
C						
D						
E						
F						
G						
H						
I						
J						
K						
L						
M						
N						
	TOTAL	$105,000		$105,000		

2014

WATER

AUTHORITY CAPITAL PROGRAM

(OPERATION)

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

5 YEAR CAPITAL IMPROVEMENT PLAN COSTS

	DESCRIPTION	ESTIMATED TOTAL COST	2014	2015	2016	2017	2018
A	Air Stripper Heating System	$150,000				$150,000	
B	Administration Building Roof	$25,000		$25,000			
C							
D							
E							
F							
G							
H							
I							
J							
K							
L							
M							
N							
	TOTAL	$175,000		$25,000		$150,000	

2014

WATER

AUTHORITY CAPITAL PROGRAM

(OPERATION

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

5 YEAR CAPITAL PLAN FUNDING SOURCES: From 2013 to 2018

			FUNDING SOURCES			
	DESCRIPTION	ESTIMATED TOTAL COST	UNRESTRICTED NET ASSETS	RENEWAL & REPLACEMENT RESERVE	DEBT AUTHORIZATION	OTHER SOURCES
A	Air Stripper Heating System	$150,000		$150,000		
B	Administration Building Roof	$25,000		$25,000		
C						
D						
E						
F						
G						
H						
I						
J						
K						
L						
M						
N						
	TOTAL	$175,000		$175,000		

2012 - 2013

Monroe Municipal Utilities Authority/South Jersey
Gloucester County

SUPPLEMENTAL WATER SCHEDULES
STATE OF NEW JERSEY

Department Of
Community Affairs

DIVISION OF LOCAL GOVERNMENT SERVICES

2014

WATER

(OPERATION)

AUTHORITY BUDGET

SUPPLEMENTAL SCHEDULES

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

==== OPERATING REVENUES ====

----SERVICE CHARGES----	CROSS REF.	# UNITS	2014 PROPOSED ANNUAL COLLECTION	# UNITS	2013 CURRENT YEAR'S ADOPTED BUDGET
RESIDENTIAL		8798	$4,276,269	9222	$3,963,818
BUSINESS/COMMERCIAL		4402	$1,036,925	3728	$928,450
INDUSTRIAL					
INTERGOVERNMENTAL					
OTHER					
TOTAL SERVICE CHARGES	**A-1**		$5,313,194		$4,892,268

----CONNECTION FEES----	CROSS REF.	# UNITS	2014 PROPOSED ANNUAL COLLECTION	# UNITS	2013 CURRENT YEAR'S ADOPTED BUDGET
RESIDENTIAL		100	$320,000	135	$405,000
BUSINESS/COMMERCIAL					
INDUSTRIAL					
INTERGOVERNMENTAL					
OTHER					
TOTAL CONNECTION FEES	**A-2**		$320,000		$405,000

* INCLUDE ALL APPLICABLE RATE SCHEDULES TO SUPPORT SUCH FEES

2014

WATER

AUTHORITY BUDGET

(OPERATION)

SUPPLEMENTAL SCHEDULES

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

==== OPERATING REVENUES ====

----PARKING FEES----	CROSS REF.	# UNITS	2014 PROPOSED ANNUAL COLLECTION	# UNITS	2013 CURRENT YEAR'S ADOPTED BUDGET
METERS					
PERMITS					
FINES/PENALTIES					
OTHER					
TOTAL PARKING FEES	**A-3**				

---OTHER OPERATING REVENUES---	CROSS REF.		2014 PROPOSED ANNUAL COLLECTION		2013 CURRENT YEAR'S ADOPTED BUDGET
LIST IN DETAIL:					
Application Fees			$1,750		$2,500
Hydrant Fees			$36,800		$36,800
Searches			$90		$90
Sprinkler Fees			$25,420		$25,420
Meters Yolks			$25,000		$30,000
Other			$2,500		$2,500
Water Loans			$50,000		$50,000
TOTAL OTHER REVENUES	**A-4**		$141,560		$147,310

* INCLUDE ALL APPLICABLE RATE SCHEDULES TO SUPPORT SUCH FEES

2014

WATER

AUTHORITY BUDGET

(OPERATION)

SUPPLEMENTAL SCHEDULES

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

==== NON-OPERATING REVENUES ====

----GRANTS &---- ----ENTITLEMENTS----	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED BUDGET
LIST IN DETAIL:			
TOTAL GRANTS & ENT.	A-5		

---LOCAL SUBSIDIES--- ---& DONATIONS---	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED BUDGET
LIST IN DETAIL:			
TOTAL SUB. & DONATIONS	A-6		

2014

WATER

AUTHORITY BUDGET

(OPERATION)

SUPPLEMENTAL SCHEDULES

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

==== NON-OPERATING REVENUES ====

---INTEREST ON INVESTMENTS--- ---AND DEPOSITS---	**CROSS REF.**	**2014 PROPOSED BUDGET**	**2013 CURRENT YEAR'S ADOPTED BUDGET**
INVESTMENTS		$6,250	$17,500
SECURITY DEPOSITS			
PENALTIES			
OTHER INVESTMENTS			
TOTAL INTEREST ON INVESTMENTS & DEPOSITS	**A-7**	$6,250	$17,500

---OTHER NON-OPERATING REVENUES---	**CROSS REF.**	**2014 PROPOSED BUDGET**	**2013 CURRENT YEAR'S ADOPTED BUDGET**
LIST IN DETAIL:			
TOTAL OTHER REVENUES	**A-8**		

2014

WATER

AUTHORITY BUDGET

(OPERATION)

SUPPLEMENTAL SCHEDULES

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

==== NON-OPERATING APPROPRIATIONS ====

----RENEWAL &---- ---REPLACEMENT RESERVE(S)----	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED BUDGET
LIST IN DETAIL:			
TOTAL RENEWAL & REPLACEMENT RESERVE(S)	C-1		

---OTHER RESERVES---	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED BUDGET
LIST IN DETAIL:			
TOTAL OTHER RESERVES	C-2		

2014

WATER

AUTHORITY BUDGET

(OPERATION)

SUPPLEMENTAL SCHEDULES

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

==== BUDGETED DEBT SERVICE REQUIREMENTS ====

---PRINCIPAL PAYMENTS---

	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED BUDGET
AUTHORITY NOTES	P-1		
AUTHORITY BONDS	P-2	$1,156,000	$1,117,750
CAPITAL LEASES	P-3		
INTERGOVERN. LOANS	P-4		
OTHER OBLIGATIONS	P-5		
TOTAL PRINCIPAL PAYMENTS	**D-1**	$1,156,000	$1,117,750

---INTEREST PAYMENTS---

	CROSS REF.	2014 PROPOSED BUDGET	2013 CURRENT YEAR'S ADOPTED BUDGET
AUTHORITY NOTES	I-1		
AUTHORITY BONDS	I-2	$623,678	$660,494
CAPITAL LEASES	I-3		
INTERGOVERN. LOANS	I-4		
OTHER OBLIGATIONS	I-5		
TOTAL INTEREST PAYMENTS	**D-2**	$623,678	$660,494

2014

WATER

AUTHORITY BUDGET

(OPERATION)

SUPPLEMENTAL SCHEDULES

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

5 YEAR DEBT SERVICE SCHEDULE

PRINCIPAL PAYMENTS ---------- YEARS ----------

	2013	2014	2015	2016	2017	2018
--AUTHORITY NOTES--						
TOTAL PAYMENTS P-1						
--AUTHORITY BONDS--						
2004	$325,000	$335,000	$350,000	$360,000	$375,000	$390,000
2007	$210,000	$220,500	$227,500	$238,000	$227,500	$259,000
2010A	$234,000	$240,500	$247,000	$253,500	$263,250	$273,000
2010B	$348,750	$360,000	$363,750	$375,000	$386,250	$401,250
TOTAL PAYMENTS P-2	$1,117,750	$1,156,000	$1,188,250	$1,226,500	$1,252,000	$1,323,250
--AUTHORITY CAPITAL LEASES--						
TOTAL PAYMENTS P-3						
--AUTHORITY INTERGOVERNMENTAL LOANS--						
TOTAL PAYMENTS P-4						
--AUTHORITY OBLIGATIONS (LIST):--						
TOTAL PAYMENTS P-5						
TOTAL PRINCIPAL DEBT PAYMENTS SS-6	$1,117,750	$1,156,000	$1,188,250	$1,226,500	$1,252,000	$1,323,250

2014

WATER

AUTHORITY BUDGET

(OPERATION)

SUPPLEMENTAL SCHEDULES

Monroe Municipal Utilities Authority

FISCAL YEAR: FROM July 1, 2013 TO June 30, 2014

5 YEAR DEBT SERVICE SCHEDULE

INTEREST PAYMENTS	**YEARS**					
	2013	**2014**	**2015**	**2016**	**2017**	**2018**
--AUTHORITY NOTES--						
TOTAL PAYMENTS I-1						
--AUTHORITY BONDS--						
2004	$207,752	$196,818	$185,040	$173,390	$158,934	$144,295
2007	$179,850	$171,450	$163,181	$154,536	$145,016	$133,641
2010A	$150,670	$143,650	$136,435	$130,878	$124,540	$114,010
2010B	$122,222	$111,760	$100,960	$92,775	$83,400	$67,950
TOTAL PAYMENTS I-2	$660,494	$623,678	$585,616	$551,579	$511,890	$459,896
--AUTHORITY CAPITAL LEASES--						
TOTAL PAYMENTS I-3						
--AUTHORITY INTERGOVERNMENTAL LOANS--						
TOTAL PAYMENTS I-4						
--AUTHORITY OBLIGATIONS (LIST):--						
TOTAL PAYMENTS I-5						
TOTAL INTEREST DEBT PAYMENTS SS-6	$660,494	$623,678	$585,616	$551,579	$511,890	$459,896

WATER
(OPERATION)

2014
AUTHORITY BUDGET
SUPPLEMENTAL SCHEDULES

FISCAL YEAR: FROM JULY 1, 2013 TO JUNE 30, 2014

(1)	**PY UNRESTRICTED NET ASSETS**	**PY AUDIT**			$ 1,686,612.42
	ADJUSTMENTS DURING CURRENT YEAR:				
	(a) Estimated Income/Loss on Current Year's Results of Operations (include unbudgeted use of unrestricted net assets)		$ (273,113.39)		
	(b Adjustments: Capital Project Designated 6/30/12 included above		(133,275.56)		
(2)	**SUBTOTAL - ADJUSTMENTS**	**(ADD AMOUNTS ON LINES a-b)**			(406,388.95)
(3)	**ADD LINES 1 AND 2**				1,280,223.47
	CURRENT YEAR ESTIMATED CHANGES IN RESTRICTIONS: **(Attach Documentation)**				
	(c) Debt Service		-		
	(d) Maintenance Reserve				
	(e) Operating Requirement		52,915.34		
	(f) Other Legal Restrictions				
(4)	**SUBTOTAL - RESTRICTIONS**	**(ADD AMOUNTS ON LINES c-f)**			52,915.34
	DESIGNATIONS (Attach Documentation)				
	(g) Non-Operating Improvements & Repairs (CB4&5)				
	(h) Contribution to Rate Stabilization Plan (#)				
	(i) Other Board Designation				
	(j) Adjustments Other (attach list)				
(5)	**SUBTOTAL - DESIGNATIONS**	**(ADD AMOUNTS ON LINES g-j)**			-
(6)	**ADD LINES 4 AND 5**				52,915.34
(7)	**UNRESTRICTED NET ASSETS AVAILABLE FOR USE IN PROPOSED BUDGET**	**(SUBTRACT LINE 6 FROM LINE 3)**			1,227,308.14
	PROPOSED UTILIZATION OF AVAILABLE UNRESTRCITED NET ASSETS				
(8)	As Revenue in Annual Budget (Page 6, Line R-3b)		-		
(9)	For Current Year Capital Budget (Page CB-3)		-		
(10)	**SUBTOTAL - UNRESTRICTED NET ASSET UTILIZED**	**(ADD AMOUNTS ON LINES 8-9)**			-
(11)	**MAXIMUM ALLOWABLE FOR APPROPRIATION TO MUNICIPALITY/COUNTY** Budget Item B-2 times 5%		$ 200,066.30		
(12)	**AS APPROPRIATED TO MUNICIPALITY/COUNTY (PAGE 6, LINE R-3a)**				-
(13)	**TOTAL UNRESTRICTED/UNDESIGNATED NET ASSETS**	**(SUBTRACT LINES 10 AND 12 FROM 7)**			$ 1,227,308.14

856-629-1444 / 856-875-3642
Phone No. / Fax No.

Certified by: Terry Brown
Executive Director

(#) Explain in detail in the Budget Message

Date: 5/16/13