



# Memorandum

To: Board Members

Date: March 1, 2018

From: Nicholas Noce

Subject: **Regular Board Meeting – Thursday, March 1, 2018 9:30 a.m.  
at 475 Norris Drive – Board Room**

---

## Agenda Items:

### 1. Personnel Items:

- Resolution marking the Retirement of Thomas F. Clark, P.E. We appreciate his many years of dedicated service to the Authority and wish him a happy and fulfilling retirement.

There are resolutions on this agenda to confirm the following two (2) new hire appointments. Recommendation memorandums for these appointments and their applications are enclosed for Board review:

- Appointment of Michael Flowerday, Jr. to the title of Electrical and Instrumentation Mechanic III. Mr. Flowerday is reachable on the Civil Service Exam List for appointment to this title.
- Provisional Appointment of Glen Lukaszewski to the title of Senior Network Technician.

There are resolutions on this agenda to confirm the following two (2) promotion appointments. Recommendation memorandums are enclosed for Board review, and both are reachable on the Civil Service Exam List for appointment to their respective title:

- Jared Scata to the title of Assistant Construction Inspector
- Francis Bodnar to the title of Fleet Maintenance Supervisor

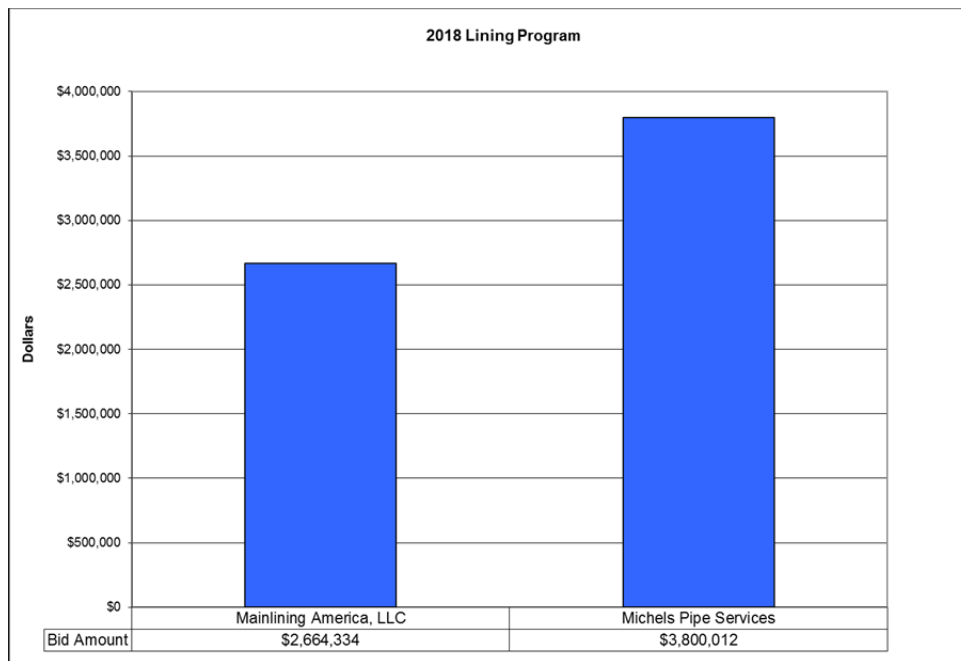
### 2. The Authority's Audit Committee met on March 1, 2018 and with their consideration and recommendation, there are resolutions on the agenda for the following approvals. A representative from Bonadio & Co., LLP is scheduled to be present at this Board meeting to discuss the Authority's 2017 Fiscal Audit with the full Board.

- Approve MCWA's 2017 Annual Financial Statements as audited by Bonadio & Co., LLP.
- Approve the Authority's 2017 Investment Audit as performed by Bonadio & Co., LLP.
- Approve the 2017 Annual Investment Report as directed under Title 7, Section 2925 of the Public Authorities Law, issued under the Annual Statement of Investment Policy in effect through 12/31/17.
- Approve Management's Assessment of the Effectiveness of Internal Control Structure and Procedures, as presented pursuant to the memorandum from Mr. Uschold dated 12/27/17.

### 3. There is an item on the agenda to authorize amending the Professional Services Agreement with GHD Consulting Services Inc. for their engineering services for Phase I of the Shoremont WTP West 1 Renovation Project. In March 2017, GHD was selected for this project and was authorized to complete the study and preliminary design phases. Based on the results of that work the 2018 Budget includes funding for the implementation of the first of two phases of the study's recommendations.

The budget for the design and bidding phases is \$225,000. The proposed amendment will incorporate the hourly billing rate schedule for GHD construction phase engineering, inspection and commissioning staff for the project’s implementation.

4. There is an item on the agenda to award a contract for the 2018 Lining Program project in the towns of Henrietta, Pittsford and Webster. The project involves the cleaning and cement lining or structural lining of approximately 19,235 lineal feet of 6”, 8”, 10” and 12” cast iron water mains. There were two bids submitted. Our recommendation is to award this work to Mainlining America, LLC in the bid amount of \$2,664,334.



5. There is an item on the agenda to award the 2018 Lawn Mowing Contract (for various MCWA sites) to the low responsive, responsible bidder, Curb Solutions, Inc. This is a one-year unit price contract with the option to renew for up to four (4) additional one-year periods upon mutual consent. Recommendation memo and bid tabulation sheet are enclosed for Board review.
6. There is an item on the agenda to authorize the use of the County Contract for Square D Products to purchase a 300 HP variable speed drive for Pump No. 2 at the Kreag Road Pumping Station. The pump currently is only single speed and the motor starter has passed its useful life. A variable speed drive at this location will enable us to optimize both flow and pressure control and save energy expense. Zeller Corporation holds the current contract.
7. There is an item on the agenda to authorize the use of the County Contract for Variable Frequency Drive (VFD) Preventive Maintenance. This contract, held by EMA of New York Inc., will enable us to leverage their outside technical assistance and obtain materials and replacement parts for our VFDs. The authorization is for an estimated amount of \$20,000.
8. There is an item on the agenda to authorize the use of the County Contract for asbestos remediation and removal. Environmental Construction Group, Inc. holds the current contract.

*Board Members - Regular Meeting – March 8, 2018*

9. There is an item on the agenda to authorize the purchase of the *TechConnect Product Support* and *Legacy Hardware Product Support* services from Horizon Solutions for our Programmable Logic Controllers (PLCs) and ancillary equipment. Allen Bradley controllers and ancillary equipment are an integral part of our SCADA control system. MCWA has standardized on Allen-Bradley programmable controllers (standardization was approved by the Board in October 2014 and has been reconfirmed in accordance with the MCWA Purchasing Guidelines, most recently in February 2017). Horizon Solutions is the sole authorized dealer in this region of New York State.
10. There is an item on the agenda to authorize the purchase of Three (3) New 2018 Ford F450 4x4 Regular Cab Trucks with Knapheide Body through the New York State Office of General Services (OGS) Vehicle Marketplace (Mini-bid), Group No. 40500, Award No. 22904, Mini-Bid No. T18010011 from the low responsive, responsible bidder, Webster Ford Inc. d/b/a Henderson Ford, in the amount of \$185,391.87. Recommendation memo and bid tabulation sheet are enclosed for Board review.
11. There is an item on the agenda to authorize the leasing of Fourteen (14) Xerox Printers/Large Copiers from Xerox Corporation for a three-year term utilizing cooperative contract PEPPM MPS Lease #072729300, for an estimated total cost of \$97,000. Please refer to the enclosed detailed recommendation memo for this item from Gregory Jablonsky, Manager of Information Technology.
12. The Authority's standard procurement compliance resolution.
13. The Authority's Governance Committee met on March 1, 2018, and upon their consideration and recommendation there are resolutions for the following on this agenda; supporting documentation enclosed for full Board review:
  - Readopting the Authority's Mission Statement.
  - Accepting report on 2017 Performance Measurements.
  - Adopting 2018 ABO Performance Measurements.
  - Amending MCWA By-Laws – It is a 2-Meeting process to amend the By-Laws; item would be Tabled in March and Taken from Table for approval the following regular meeting (April).

***There may be additional items placed on the agenda not finalized for this mailing.***

**Board Discussion / Notification Items:**

- Notification of proposed recipients of Request for Qualifications and Proposals (RFQ/Ps) to provide Anti-Harassment & Workplace Violence Prevention training on these topics for all MCWA employees.
- Notification of proposed recipients of RFQs for Telephone Bill Audit services.
- Notification of proposed recipients of RFQs for Compensation Consultant services.
- Notification of proposed recipients of RFQs for Drug and Alcohol Testing services.
- In Board folders for review: Any routine monthly informational updates.

***There may be additional items presented for discussion and/or notification.***

Enclosures

cc: Department Heads



To: Raymond Benshoff Date: 03/01/18

From: Karin Anderson File: WA 021808

Subject: Recommendation for Bid Award Copies: J. Hillman  
 March 8, 2018 Board Meeting

Bids were received on February 28, 2018, for the 2018 Lawn Mowing contract. This is a one year, unit price contract with the option to renew for up to four additional one-year periods upon mutual consent. The apparent low responsive, responsible bidder is **Curb Solutions, Inc.** in the amount of **\$66,985.**

We also received bids from:

- Al's Maintenance \$68,865.58 *(Includes a 2% discount if payment within 15 days)*
- Cardinal Lawn & Landscape \$76,900.00
- Boon & Sons, Inc. \$80,421.74 *(Includes a 2% discount if payment within 10 days)*


I recommend that the bid be awarded to the low responsive, responsible bidder.

/ka

Attachment: Bid tabulation

(Dis)Approved by  3-1-18  
 Department Head Date

(Dis)Approved by  3/1/2018  
 Purchasing Manager Date

(Dis)Approved by  3/1/2018  
 Executive Director Date

(Dis)Approved by \_\_\_\_\_  
 Executive Assistant/Board Date

March 1, 2018

## Monroe County Water Authority MCWA 021808 – 2018 Lawn Mowing

Item No.	Qty	Description	No Bid				No Bid	
			(1) AI's Maintenance	(2) Boon & Sons, Inc.	(3) Cardinal Lawn & Landscape	(4) Cascade Lawn Care	(5) Town & Country	(6) Curb Solutions
1	15 ea		\$450.00	\$1,245.00	\$1,050.00	\$0	\$0	\$750.00
2	15 ea		\$750.00	\$1,470.00	\$1,275.00	\$0	\$0	\$900.00
3	15 ea		\$450.00	\$645.00	\$585.00	\$0	\$0	\$525.00
4	15 ea		\$525.00	\$795.00	\$435.00	\$0	\$0	\$525.00
5	15 ea		\$525.00	\$795.00	\$435.00	\$0	\$0	\$525.00
6	15 ea	<b>Monroe County Water</b>	\$675.00	\$540.00	\$585.00	\$0	\$0	\$450.00
7	15 ea	<b>Authority Site Locations</b>	\$1,140.00	\$2,370.00	\$2,625.00	\$0	\$0	\$825.00
8	15 ea	<b>are Homeland Security</b>	\$705.00	\$1,095.00	\$1,170.00	\$0	\$0	\$1,275.00
9	15 ea	<b>Protected</b>	\$330.00	\$495.00	\$585.00	\$0	\$0	\$450.00
10	15 ea		\$525.00	\$795.00	\$630.00	\$0	\$0	\$525.00
11	15 ea		\$375.00	\$495.00	\$435.00	\$0	\$0	\$525.00
12	15 ea		\$450.00	\$645.00	\$495.00	\$0	\$0	\$525.00
13	15 ea		\$450.00	\$570.00	\$630.00	\$0	\$0	\$525.00
14	15 ea		\$450.00	\$795.00	\$540.00	\$0	\$0	\$525.00
15	15 ea		\$750.00	\$1,320.00	\$1,095.00	\$0	\$0	\$1,275.00
16	15 ea		\$450.00	\$795.00	\$585.00	\$0	\$0	\$525.00
17	15 ea		\$525.00	\$1,320.00	\$495.00	\$0	\$0	\$525.00
18	15 ea		\$600.00	\$645.00	\$435.00	\$0	\$0	\$750.00
19	15 ea		\$330.00	\$570.00	\$495.00	\$0	\$0	\$450.00
20	15 ea		\$315.00	\$345.00	\$585.00	\$0	\$0	\$525.00
21	15 ea		\$330.00	\$495.00	\$495.00	\$0	\$0	\$525.00
22	15 ea		\$420.00	\$495.00	\$465.00	\$0	\$0	\$450.00
23	15 ea		\$4,920.00	\$5,925.00	\$3,705.00	\$0	\$0	\$3,000.00
24	15 ea		\$450.00	\$420.00	\$495.00	\$0	\$0	\$525.00
25	15 ea		\$675.00	\$570.00	\$780.00	\$0	\$0	\$525.00
26	15 ea		\$450.00	\$495.00	\$435.00	\$0	\$0	\$525.00
27	15 ea		\$450.00	\$345.00	\$495.00	\$0	\$0	\$525.00
28	15 ea		\$465.00	\$495.00	\$435.00	\$0	\$0	\$525.00
29	15 ea		\$825.00	\$570.00	\$435.00	\$0	\$0	\$525.00
30	15 ea		\$450.00	\$495.00	\$435.00	\$0	\$0	\$525.00

MCWA 021808 – 2018 Lawn Mowing  
Page 2

Item No.	Qty	Description	(1) Al's Maintenance	(2) Boon & Sons, Inc.	(3) Cardinal Lawn & Landscape	No Bid		
						(4) Cascade Lawn Care	(5) Town & Country	(6) Curb Solutions
31	15 ea		\$675.00	\$495.00	\$540.00	\$0	\$0	\$525.00
32	15 ea		\$525.00	\$495.00	\$585.00	\$0	\$0	\$525.00
33	15 ea		\$1,290.00	\$1,545.00	\$1,710.00	\$0	\$0	\$1,050.00
34	15 ea		\$525.00	\$645.00	\$825.00	\$0	\$0	\$600.00
35	15 ea		\$315.00	\$420.00	\$540.00	\$0	\$0	\$525.00
36	15 ea	Monroe County Water	\$675.00	\$495.00	\$780.00	\$0	\$0	\$525.00
37	15 ea	Authority Site Locations	\$390.00	\$495.00	\$690.00	\$0	\$0	\$525.00
38	15 ea	are Homeland Security	\$390.00	\$420.00	\$540.00	\$0	\$0	\$450.00
39	15 ea	Protected	\$675.00	\$645.00	\$1,095.00	\$0	\$0	\$1,350.00
40	15 ea		\$315.00	\$420.00	\$495.00	\$0	\$0	\$450.00
41	15 ea		\$315.00	\$345.00	\$495.00	\$0	\$0	\$525.00
42	15 ea		\$525.00	\$570.00	\$585.00	\$0	\$0	\$525.00
43	15 ea		\$825.00	\$645.00	\$825.00	\$0	\$0	\$900.00
44	7 ea		\$315.00	\$700.00	\$343.00	\$0	\$0	\$210.00
45	7 ea		\$315.00	\$560.00	\$511.00	\$0	\$0	\$280.00
46	7 ea		\$385.00	\$595.00	\$413.00	\$0	\$0	\$350.00
47	7 ea		\$777.00	\$910.00	\$504.00	\$0	\$0	\$595.00
48	7 ea		\$637.00	\$588.00	\$511.00	\$0	\$0	\$350.00
49	7 ea		\$245.00	\$560.00	\$546.00	\$0	\$0	\$210.00
50	7 ea		\$917.00	\$875.00	\$686.00	\$0	\$0	\$700.00
51	7 ea		\$420.00	\$700.00	\$546.00	\$0	\$0	\$385.00
52	7 ea		\$420.00	\$665.00	\$434.00	\$0	\$0	\$420.00
53	7 ea		\$350.00	\$560.00	\$252.00	\$0	\$0	\$350.00
54	7 ea		\$350.00	\$595.00	\$343.00	\$0	\$0	\$210.00
55	7 ea		\$315.00	\$595.00	\$413.00	\$0	\$0	\$350.00
56	7 ea		\$350.00	\$595.00	\$413.00	\$0	\$0	\$280.00
57	7 ea		\$315.00	\$595.00	\$385.00	\$0	\$0	\$210.00
58	7 ea		\$245.00	\$595.00	\$385.00	\$0	\$0	\$210.00
59	30 ea		\$2,220.00	\$1,050.00	\$870.00	\$0	\$0	\$1,200.00
60	30 ea		\$900.00	\$900.00	\$870.00	\$0	\$0	\$900.00
61	30 ea		\$1,350.00	\$900.00	\$1,770.00	\$0	\$0	\$900.00
62	30 ea		\$1,200.00	\$900.00	\$1,290.00	\$0	\$0	\$1,050.00
63	30 ea		\$1,350.00	\$1,200.00	\$1,290.00	\$0	\$0	\$1,200.00

MCWA 021808 – 2018 Lawn Mowing  
Page 3

Item No.	Qty	Description	No Bid				No Bid	
			(1) AI's Maintenance	(2) Boon & Sons, Inc.	(3) Cardinal Lawn & Landscape	(4) Cascade Lawn Care	(5) Town & Country	(6) Curb Solutions
64	30 ea		\$1,650.00	\$2,070.00	\$1,170.00	\$0	\$0	\$1,200.00
65	30 ea		\$1,500.00	\$1,950.00	\$1,770.00	\$0	\$0	\$1,500.00
66	30 ea		\$1,500.00	\$990.00	\$1,560.00	\$0	\$0	\$1,050.00
67	30 ea	<b>Monroe County Water</b>	\$2,730.00	\$2,250.00	\$2,820.00	\$0	\$0	\$2,550.00
68	30 ea	<b>Authority Site Locations</b>	\$1,800.00	\$2,640.00	\$2,160.00	\$0	\$0	\$1,200.00
69	30 ea	<b>are Homeland Security</b>	\$1,230.00	\$1,200.00	\$1,290.00	\$0	\$0	\$1,650.00
70	30 ea	<b>Protected</b>	\$1,350.00	\$2,100.00	\$1,290.00	\$0	\$0	\$1,500.00
71	30 ea		\$1,500.00	\$1,650.00	\$1,350.00	\$0	\$0	\$1,200.00
72	30 ea		\$1,020.00	\$1,350.00	\$1,350.00	\$0	\$0	\$2,250.00
73	30 ea		\$1,050.00	\$900.00	\$1,560.00	\$0	\$0	\$900.00
74	30 ea		\$1,500.00	\$1,410.00	\$1,560.00	\$0	\$0	\$1,500.00
75	30 ea		\$1,020.00	\$1,290.00	\$1,080.00	\$0	\$0	\$1,950.00
76	30 ea		\$840.00	\$1,290.00	\$1,080.00	\$0	\$0	\$1,500.00
77	30 ea		\$1,410.00	\$1,350.00	\$1,350.00	\$0	\$0	\$1,200.00
78	30 ea		\$1,230.00	\$1,200.00	\$1,050.00	\$0	\$0	\$1,350.00
79	30 ea		\$2,580.00	\$2,400.00	\$1,770.00	\$0	\$0	\$1,200.00
80	30 ea		\$2,730.00	\$2,100.00	\$2,430.00	\$0	\$0	\$1,200.00
81	30 ea		\$630.00	\$1,200.00	\$1,080.00	\$0	\$0	\$900.00
82	30 ea		\$1,320.00	\$1,200.00	\$1,170.00	\$0	\$0	\$900.00
83	30 ea		\$660.00	\$1,200.00	\$2,190.00	\$0	\$0	\$900.00
<b>Total</b>			<b>\$70,271.00</b>	<b>\$82,063.00</b>	<b>\$76,900.00</b>	<b>\$0</b>	<b>\$0</b>	<b>\$66,985.00</b>
<b>Payment Terms:</b>			<b>2% - 15</b>	<b>2% - 10</b>	<b>Net 30</b>	<b>N/A</b>	<b>N/A</b>	<b>Net 30</b>
<b>Total w/Discount:</b>			<b>\$68,865.58</b>	<b>\$80,421.74</b>	<b>\$76,900.00</b>	<b>\$0</b>	<b>\$0</b>	<b>\$66,985.00</b>



To: Raymond Benschoff Date: 02/14/2018

From: Karin Anderson File:

Subject: **Recommendation for Bid Award** Copies: M. Quattrone  
**March 8, 2018 Board Meeting**

Bids were received on January 30, 2018, for **Three (3) 2018 Ford F450 4x4 Regular Cab with Knapheide Body** through the New York State Office of General Services Vehicle Marketplace, Group No. 40500, Award No. 22904, Mini-Bid No. T18010011.

Bids were received through the Mini-Bid from:

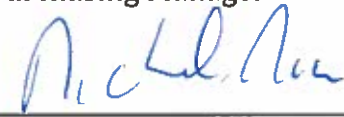
- Webster Ford, Inc. d/b/a Henderson Ford \$185,391.87
- Genesee Valley Ford, LLC \$188,003.37

I recommend the bid be awarded to the low responsive, responsible bidder, **Webster Ford, Inc. d/b/a Henderson Ford** in the amount of \$185,391.87.

/ka  
Attachment: Bid tabulation

~~(Dis)Approved by~~  2/14/18  
 Department Head Date

~~(Dis)Approved by~~  2/14/18  
 Purchasing Manager Date

~~(Dis)Approved by~~  2/20/18  
 Executive Director Date

(Dis)Approved by \_\_\_\_\_ Date \_\_\_\_\_  
 Executive Assistant/Board



Bidder (#)	Mini-Bid #	Contractor	Contract #	Average Chassis Discount	Average NYS Contract Price (Chassis)	Average NYS Contract Price (Body)	Average Total Evaluation Price for Item
Response Summary	T18010011	Genesee Valley Ford LLC	PC67927	19.15	\$37,435.79	\$25,182.00	\$188,003.37
Response Summary (2)	T18010011	Webster Ford Inc. dba Henderson F	PC67292	19.94	\$36,415.29	\$25,182.00	\$185,391.87

Form B	Mini-Bid Number	Mini-Bid Opening Date	Date Results Sent to Authorized User	Number of Bids Received	Number of Late Bids Received	Number of No Bids Received	Average Chassis Discount	Average NYS Contract Price (Chassis)	Average NYS Contract Price (Body)	Average Total Evaluation Price for Item
Form B	T18010011	1/30/2018	1/30/2018	2			19.55	\$36,925.54	\$25,182.00	\$186,697.62



To: Nicholas Noce, Executive Director

Date: February 27, 2018

From: Gregory Jablonsky, Manager of Information Technology

File:

Subject: Recommendation to lease Printers

Copies:

The IT Department is recommending the continuation of a printer/large copier leasing program. The recommendation for leasing is mainly because of the increased cost in toner, the decrease in printer/large copier reliability, and staff time. By leasing, the MCWA will create a more efficient environment by shortening the life span of printers/larger copiers in the fleet. Therefore, The IT Department is requesting the approval to lease printers/large copiers from Xerox for three years under the cooperative contract PEPPM MPS Lease #072729300.

The 2018 devices recommended are one Xerox Altalink C8030 large printer/copier, one Xerox one Xerox Altalink C8035 large printer/copier, eight Xerox Versalink C405 printer/copier, and four Xerox WorkCentre 6655x. These devices will be replacements for the IT, Customer Service, Buildings and Grounds, Dispatch, Finance, FFO, and Webster areas. These devices are being replaced due to the age, reliability and maintenance of the existing printers/copiers. Also by authorizing these leases the IT department will be able to decommission fourteen devices in our printer fleet. The total three-year lease for these devices will be an estimated \$97,000.

The leases will be funded by the 2018, 2019, 2020 Operating budget.

## **MCWA Mission Statement**

**(Readopted March 2017) For Readopting March 2018**

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



## REPORT ON 2017 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 2017:** 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 2017:** The AWWA benchmark to meet the goal for system integrity is to be less than 33.5 breaks / 100 miles of pipeline / year. In 2017 the actual number of breaks and leaks repaired was 536 yielding an actual system integrity rating of 16.5, 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 2017:** The Water Authority's 2017 budget for infrastructure related reinvestment was as follows:*

▪ Production & Transmission:	\$ 3,150,000
▪ Engineering:	\$6,690,000
▪ Facilities Fleet Operations:	\$1,535,400
▪ Finance & Business Services	<u>\$2,826,000</u>
▪ Total	<b>\$14,201,400</b>

*All projects in the budget were either initiated or completed in 2017.*

*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.

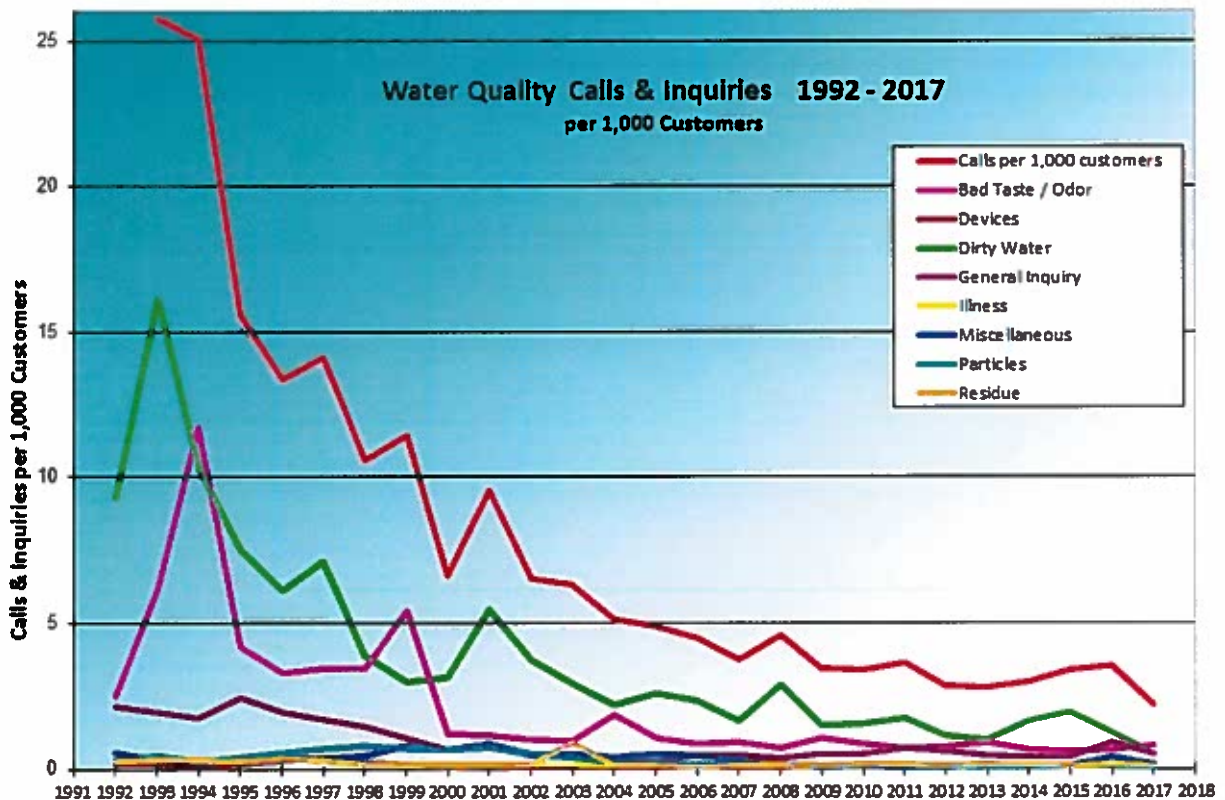
✓ **Results for 2017:**

*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 2017:**

*MCWA received about 425 quality related customer calls in 2017 (less than 3 calls per thousand customers). The Shoremont Lab handled 81 of these calls. The overall trend in customer calls remains to be downward.*



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 2017:** 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 2017 goal.*

<b>Comparison of January 2018 Annual Water Charges</b>				
<b>(All charges in \$)</b>				
<b>Water Utility</b>	<b>Annual Fixed Charge</b>	<b>Annual Consumption-Based Charge</b>	<b>Annual Minimum Charge</b>	<b>Annual Total Charge</b>
Suffolk County Water Authority	94	151	94	\$ 244
Albany Water Board	0	286	105	\$ 286
City of Syracuse	0	318	154	\$ 318
<b>Monroe County Water Authority</b>	<b>77</b>	<b>250</b>	<b>77</b>	<b>\$ 326</b>
City of Watertown	0	342	140	\$ 342
Erie County Water Authority	79	258	195	\$ 337
Western Nassau Water Authority	0	365	182	\$ 365
Onondaga County Water Authority	120	243	120	\$ 363
Niagara Falls Water Board	15	358	189	\$ 373
City of Rochester	96	290	96	\$ 385
Buffalo Water Board	140	244	140	\$ 384
Yonkers	0	405	190	\$ 405
New York	0	407	179	\$ 407
City of Binghamton	64	353	201	\$ 417
City of Poughkeepsie	3	460	123	\$ 463
Elmira Water Board	0	477	161	\$ 477
Mohawk Valley Water Authority	126	375	263	\$ 501
<b>Average</b>	<b>48</b>	<b>328</b>	<b>153</b>	<b>\$ 376</b>
<b>Notes</b>				
Charges are based on rates in effect in January 2018				
Charges assume a single family residential customer using 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 2017:** Our Moody's and Standard & Poor's ratings are listed below. These were reviewed and assigned by both agencies in December 2017 with the issuance of the Water System Revenue Refunding Bonds Series 2017.*

- *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 2017:* *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 2018 meeting.*

*We renewed the retail lease with the Town of Clarkson and executed the Amended and Restated Water Development and Supply Agreement with Genesee County in 2017.*

*We responded to inquiries and had discussions regarding service options with the Towns of Brighton, Byron, Lima, Oakfield and Clarendon; the Villages of Lima and Oakfield; and the City of Batavia regarding new, or significantly expanded, service.*