



**REPORTS OF THE OFFICERS  
OF THE  
DENNIS WATER DISTRICT  
FOR THE  
CALENDAR AND FISCAL YEAR  
2014**

# **DISTRICT OFFICIALS 2014**

## ***ELECTED OFFICIALS***

### **WATER COMMISSIONERS**

### **Term Expires**

Paul F. Prue, Chairman, Dennis	2017
Charles F. Crowell, Vice Chairman, East Dennis	2016
Peter L. McDowell, Dennis	2015

### **MODERATOR**

William E. Crowell, Jr., East Dennis	2015
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## ***APPOINTED BY MODERATOR***

### **FINANCE COMMITTEE**

David Talbott, Chairman	2017
James W Plath	2017
Peter J. Nyberg	2015
Richard Roy	2016
Greg Stone	2016

## ***EMPLOYEES APPOINTED BY WATER COMMISSIONERS***

### **SUPERINTENDENT**

David Larkowski

### **CLERK & TREASURER**

Sheryl A McMahon

### **ASSISTANT SUPERINTENDENT**

James Ritchie

### **Administration**

Karen Gaumont  
Emily Finnegan  
Ralph Luedeker  
LeeAnn Marcotte  
Louise McInnis

### **Water Works & Production**

Peter Alex  
George Avery  
Robert Barboza  
Andrew Carroll  
Kenneth Davis  
David Griffin  
Scott Hollis  
Joshua Kelley  
Joseph Kraul  
Jonathan Moore  
Profirio Pina, Jr.  
Brian Saunders  
Anthony Teixeira (position eliminated)

### **COUNSEL**

Thomas J. Perrino, Esq.

### **CONSULTING ENGINEERS**

AECom, Inc.

# ***REPORT OF THE BOARD OF WATER COMMISSIONERS 2014***

The first major order of business of the new calendar year is review of the budget for the next fiscal year. In January, the Board reviewed a proposed draft budget as prepared by the Superintendent and Treasurer. The Board also reviewed the Long Range Forecast and does not anticipate increasing the account charge or water use rates for foreseeable future. In March, the Board met jointly with the District Finance Committee to review the FY 2015 budget which garnered their unanimous support and passed, also unanimously, at the Annual meeting in April.

A major topic of discussion for municipal entities across the Commonwealth, and the entire country for that matter, is the implementation of a new financial disclosure standard as required by the Government Accounting Standards Board. It is commonly referred to as GASB 45. It requires municipal entities to disclose on their financial statements their Other Post-Employment Benefit unfunded liability. It also requires the municipal entity to conduct biennial actuarial valuations to ascertain that liability. For the vast majority of Massachusetts governmental entities, the unfunded liability is very large and continues to grow annually and funding an amortized schedule will be daunting for most. The District's unfunded liability, as of the June 30, 2013, was approximately \$2,948,000. The Board continued to discuss the implications of the OPEB liability during the course of the year as well considering the creation of an OPEB Trust Fund. In addition, the Board will take into consideration the future liability costs of providing post-employment benefits in determining total employment costs for current employees as well any potential new positions, although none are anticipated for the foreseeable future. No specific action had been decided by year's end.

The District is fortunate to have a number of telecommunication companies under contract for long-term leases for the installation of cellular antennae on its water tanks. The original vote by the District, in 1997, authorized leases for no more than twenty years. At the April District Meeting, the voters unanimously voted to authorize the Board to enter leases, extensions or renewals on terms that were in the best interest of the District. The estimated rental income for FY 2015 is \$252,973. However, it is noted that from time-to-time these companies merge and frequently some of the sites become redundant and are subsequently decommissioned. Fortunately, the need for some companies to upgrade their equipment has provided for the re-allocation of the vacated space.

In June, the Board reviewed with the Superintendent the water level trends for the USGS well in Brewster that is monitored in accordance with the District's Drought Management Plan. This year's rainfall was below normal, particularly this past spring. There are five stages outlined for the management status of drought conditions. As, the trends were very close to the 50th percentile and they were below historical levels, the plan calls for the condition level to be reduced from "Normal" to voluntary odd/even outdoor watering which is the "Advisory" status. Well 12 was below the 50th percentile even though the Brewster well had not yet dropped to that level. The Board, desiring to be good stewards of the environment and by unanimous vote, to advance the Drought status from "Normal" to "Advisory" until conditions indicated the adoption of a new status.

Throughout the year, the Clerk/Treasurer continued a dialogue with the Board regarding the development of written financial and accounting policies and procedures. Early in the year, it was determined that a request for proposal would be issued for the hiring of a consultant to develop the documents. After careful consideration and discussions with the Clerk/Treasurer, the Board agreed to proceed with having the Clerk/Treasurer develop the policies and procedures in-house and forego the services of a consultant. The development of these documents will serve as a tool so that operations of the District continue smoothly in the absence of the Clerk/Treasurer and administrative staff as well as for those individuals who may these positions in the future. It was agreed that doing the work in house would save considerable money and provide more administrative benefits over the long term than having an outside firm undertake the work.

In the fall, the Board reviewed a proposal before the Town of Dennis Special Town Meeting for the donation (by way of 99 year lease) of approximately 10 acres of land on Hokum Rock Road for the development of affordable housing for adults with autism and similar types of disabilities. The land directly abuts District land which provides watershed protection for Well 18 and its Zone of Contribution (ZOC). During the ensuing discussion it was determined that of the 10-acre parcel, the northerly half (about 5 acres) lies outside that ZOC. It was also learned that the development needed just under five acres. At the time of the Special Town Meeting, the Board was unanimous in their support of the 16-bedroom development on condition that all of the development be outside the ZOC and that no part of the ZOC be used in the development for the design of the septic system and that that system be placed as close to Hokum Rock Road as practical. The Board was pleased to support the development of this much needed housing for some of our most challenged citizens and spoke favorably at the Town Meeting for its passage, and it was so voted.

The Board is pleased to report that the water being delivered to consumers is of exceptional quality. Of particular note, the District does not have a problem with nitrates in the water supply. Of the 22 wells in operation, 18 have been in been tested annually for nitrates since 1993 when testing was first mandated by the Department of Environmental Protection. . Again this year, the results of testing were most favorable. Nine of the 18 wells currently in operation had less nitrates than those same wells tested for in 1993. During the last six years, nine to eleven wells had less nitrates. In fact, four wells sampled had no detection of nitrates at all.

The Board takes this opportunity to acknowledge the dedication and professionalism of management and staff on providing our District customers with the best quality drinking water and services at a fair and responsible cost. The public is encouraged to attend any meeting to ask questions and express concerns and opinions. Our meetings are generally recorded and available for viewing at any time either by a link on the District's website or by accessing Video on Demand on the Town of Dennis' website.

**BOARD OF WATER COMMISSIONERS**  
**Paul F. Prue, Chairman**  
**Charles F. Crowell, Vice Chairman**  
**Peter L. McDowell**

# **MINUTES OF THE ANNUAL DISTRICT MEETING**

## **HELD ON**

### **APRIL 22, 2014**

Agreeable to the Warrant, the inhabitants of the Dennis Water District qualified to vote in District elections met at the Nathaniel H Wixon School, 901 Route 134, South Dennis.

In the absence of Moderator William E. Crowell, Jr., the Clerk, having declared a quorum of at least 25 voters present, called the meeting to order at 7:04 PM. On a motion made by James Plath, and duly seconded, the meeting **UNANIMOUSLY VOTED:** to elect Lester Jay Murphy to serve as Temporary Moderator by having the Clerk cast one ballot in favor of the nomination, and that Mr. Murphy serve for the duration of the meeting and that he receive the Moderator's salary. Mr. Murphy was duly sworn to the office of as Temporary Moderator (Moderator) by the Clerk.

The pledge of allegiance was recited. The Moderator proceeded with announcing the rules by which the meeting would be conducted and proceeded with consideration of the warrant articles therefore:

**ARTICLE 1. UNANIMOUSLY VOTED:** To accept the Reports of the District Officers for the Fiscal and Calendar Year 2012 as printed, with the exception of printer's errors.

**ARTICLE 2. UNANIMOUSLY VOTED:** To transfer and appropriate the sum of \$7,956 from the General Water District Revenues of the Fiscal Year 2015 for the salaries of the elected officials as printed in the warrant.

Mr. McDowell questioned the source of funding for the payment of salary to the Temporary Moderator. Mr. Plath responded that the funding would be from the Moderator's salary as appropriated for the current fiscal year. The matter was not settled during the meeting.

**ARTICLE 3. UNANIMOUSLY VOTED:** To transfer and appropriate the sum of \$3,075,335 from the Fiscal Year 2015 General Water District Revenues for the Operating and Maintenance Budget commencing July 1, 2014.

**ARTICLE 4. UNANIMOUSLY VOTED:** To transfer and appropriate the sum of \$1,051,666 from the FY 2015 General Water District Revenues for the General Expenses commencing July 1, 2014, as printed in the warrant.

Reserve Fund	\$ 50,000
Principal on Loans	555,867
Interest and Fees on Loans	180,799
Independent Financial Reporting	16,000
Insurance Expense (Property, Workers' Comp, etc)	135,000
Water Services	100,000
Household Hazardous Waste Collection Day	14,000

**ARTICLE 5. UNANIMOUSLY VOTED:** To transfer and appropriate the sum of \$279,237 from "Free Cash" as follows:

Cleaning Wells & Pump Repairs	\$ 60,000
New Truck w/ Equipment	20,000
New Backhoe-Loader w/Equipment	84,000
Miscellaneous Equipment	13,250
Wells 5 & 22—Iron & Manganese Removal	101,987

And to sell or trade a 1/2-ton, two-wheel drive pickup truck, now in use, and to apply the funds received towards the new purchase.

And further, to transfer and appropriate the sum of \$248,013 from the Fiscal Year 2015 General Water District Revenues as follows:

Wells 5 & 22—Iron & Manganese Removal	\$148,013
Green Sand Replacement	50,000
Transmission Main Extensions	25,000
Asbuilts Program	25,000

for a total of \$527,250 for the purposes of the article.

ARTICLE 6. UNANIMOUSLY VOTED: To transfer and appropriate the sum of \$13,000 from Article 4 of the April 23, 2013, Annual District Meeting for professional services for creating a set of written financial policies and procedures.

ARTICLE 7. UNANIMOUSLY VOTED: To authorize the Board of Water Commissioners to enter into a lease or lease agreements, extensions and/or renewals for and on terms the Board determines to be appropriate, with either radio or telephone communication companies for the installation and/or construction of buildings and/or antennae on District owned properties provided that all applicable federal, state and local building and zoning laws are adhered.

VOTED: To adjourn the meeting at 7:18 PM.

Respectfully submitted,

Sheryl A. McMahon  
District Clerk

**DENNIS WATER DISTRICT**  
**BALANCE SHEET AS OF**  
**June 30, 2014**

	Detail	Debit	Credit
<b>Cash - Unrestricted</b>			
1020 · Petty Cash Advance	500.00		
1040-01 · Cooperative Bank - M Market	652,449.24		
1040-02 · TD Bank Money Market	216,264.98		
1040-03 · Unibank Auto Cash	21,650.32		
1040-07 · Citizens Bank	2,708.74		
1040-08 · Cooperative Bank - Savings	20,067.89		
1040-10 · Citizens Bank - Checking	21,994.28		
1040-11 · Cooperative Bank - Checking	253,555.96		
1040-12 · Unipay - On Line	16,165.87		
1040-13 · Cape Cod 5 Money Market	28,045.94		
1040-14 · Unibank Remote Deposit	54,134.07		
1040-16 · Morgan Stanley	386.07		
1040-20 · Mass Municipal Deposit Trust	336,236.43		
<b>Total Cash - Unrestricted</b>		1,624,159.79	
<b>Cash - Restricted</b>			
1060-20 · Morgan Stanley-Stabilization	557.32		
<b>Total Cash - Restricted</b>		557.32	
<b>Investments - Unrestricted</b>			
1120-02 · Morgan Stanley	392,000.00		
1120-11 · MMDT Bond Fund	502,655.81		
<b>Total Investments - Unrestricted</b>		894,655.81	
<b>1130 · Investments - Restricted</b>			
1130-06 · Morgan Stanley	368,000.00		
1130-07 · Cape Cod 5-Stabilization Invest	730,352.68		
<b>Total Investments - Restricted</b>		1,098,352.68	
<b>Accounts Receivable</b>			
1410 · Water Receivables		100,813.22	
1418 · Water Liens Receivable			
1418-12 · FY 2012 Water Liens	718.82		
1418-13 · FY 2013 Water Liens	4,465.25		
1418-14 · FY 2014 Water Liens	17,046.06		
<b>Water Liens Receivable</b>		22,233.12	
1480 · Water Liens in Tax Title		5,409.15	
<b>Tax Receivables</b>			
1600-06 · FY 2009 R E Taxes	949.68		
1660 · Real Estate Taxes Deferred 041A	12.60		
1600-08 · FY 2009 P P Taxes	37.57		
1760 · Taxes in Litigation	473.71		
<b>Total Tax Receivables</b>		1,473.76	
<b>Reserve Accounts</b>			
3241 · Reserve for Mass Sales Tax	1,436.21		
3260 · Reserve for Petty Cash Advance	500.00		
3280 · Employee Insur Mitigation Fund	11,005.09		
3283 · Reserve for Sick Leave Buy Back	64,194.47		
3284 · Reserve for SDWA	14,697.63		
<b>Total Reserve Accounts</b>			91,833.40
<b>Payroll Liabilities</b>			
2100-04 · County Retirement Withholdings	2,267.06		
2100-08 · AFLAC NY Short Term Disability	237.88		
2100-10 · AFLAC NY Accident Insurance	0.48		
2100-11 · AFLAC NE Accident Insurance	386.68		
2100-12 · AFLAC NE Short Term Disability	358.33		
2100-13 · AFLAC NE Cancer Insurance	129.20		
2100-14 · AFLAC NE Life Insurance	189.24		
2100-16 · Eye-Med	41.10		
2100-60 · Health Insurance - Active	6,768.73		
2100-61 · Dental Insurance - Active	466.46		
2100-62 · Life Insurance - Active	22.04		
2100-63 · Health Insurance - Retirees	-183.06		
2100-64 · Dental Insurance - Retirees	87.48		
2100-66 · Life Insurance - Retirees	3.48		
3520 · Tailings & Temporary Escrow	200.00		
<b>Total Payroll &amp; Tailings Liabilities</b>			10,972.28
<b>FY 2014 Accruals</b>			
3174-01 · Accrued Payroll FY 2014	32,958.16		
3174-02 · Accrued Payables FY 2014	24,861.01		
3174-03 · Workers' Comp Audit Premiums	3,000.00		
<b>Total FY 2014 Accruals</b>			60,819.17
<b>Designated Fund Balances</b>			
3660 · Surplus Revenue			991,290.72
3600 · Stabilization Fund			1,089,273.81
3616 · Revenue Control FY 2015		4,382,970.00	
3666 · Appropriation Control FY 2015			4,382,970.00

*Continued next page*

**Revenue Accounts**

4210 - Water Revenue	100,783.22
4215 - Water Lien Revenue	27,642.27
4220 - Property Tax Revenue	987.25
4250 - Deferred Tax Revenue	486.51
4850 - Unrealized Gains/Losses Invest	2,615.73

**Total Revenue Accounts**

132,514.98

**Appropriations**

5610 - Land Acquisition Expenses	9,407.81
5640 - Cleaning Wells & Pump Repairs	179,932.32
5650 - Household Hazardous Waste Day	8,885.24
5660 - Leak Detection Survey	8,414.90
5665 - Hydro Study Whites Pond	2,761.08
5680 - Water Main Rehabilitation	77,170.29
5833 - Asbuilt Program	16,852.51
5835 - Security Upgrades	29,372.63
5838 - New Truck w/equipment	20,000.00
5848 - Miscellaneous Equip - 4/22/14	5,456.12
5865 - Tank Repairs & Power Washing	395,497.28
5866 - Power Line Maintenance	37,617.96
5867 - Transmission Main Extensions	187,349.26
5868 - Wells 5 & 22 - Fe/Mn Removal	184,080.90
5870 - Green Sand Replacement	75,000.00
6500 - Wastewater Studies	123,152.19

**Total Appropriations**

1,360,950.49

**TOTAL****8,120,624.85****8,120,624.85****Debt Accounts****7100 - Net Funded or Fixed Debt**

7,347,992.10

**7600-01 - Land for Watershed Protection**

1,485,000.00

**7600-02 - Water Treatment Facilities**

5,862,992.10

**DENNIS WATER DISTRICT  
FISCAL YEAR 2014  
REPORT OF RECEIPTS AND EXPENDITURES**

<i>Accounts</i>	<i>Detail</i>	<i>Totals</i>
<b>CASH</b>		
1020 · Petty Cash Advance	500.00	
1040 · Cash - Unrestricted	2,780,341.25	
1050 · Cash - Restricted	1,086,334.99	
BALANCES AS OF JUNE 30, 2013		3,867,176.24
<b>RECEIPTS</b>		
<b>RECEIVABLES</b>		
1410 · Water Receivables	4,161,903.39	
1415-11 · FY 2011 Water Liens	213.79	
1415-13 · FY 2013 Water Liens	15,287.52	
1608 · FY 2009 Personal Property	0.75	
		4,177,405.45
<b>PAYROLL AGENCIES</b>		
2100-01 · Federal Income Tax Withheld	134,133.00	
2100-02 · FICA/Medicare Taxes Withheld	15,376.54	
2100-03 · State Income Tax Withheld	62,656.80	
2100-04 · County Retirement Withholdings	112,173.40	
2100-05 · Employee Direct Deposits	784,604.40	
2100-08 · AFLAC Short Term Disability	2,473.64	
2100-09 · Deferred Compensation	56,128.99	
2100-11 · AFLAC NE Accident Insurance	4,594.20	
2100-12 · AFLAC NE Short Term Disability	4,124.96	
2100-13 · AFLAC NE Cancer Insurance	1,042.08	
2100-14 · AFLAC NE Life Insurance	2,205.84	
2100-15 · EyeMed	852.12	
2100-50 · Health Insurance - Active	91,055.61	
2100-51 · Dental Insurance - Active	5,557.78	
2100-52 · Life Insurance - Active	283.04	
2100-53 · Health Insurance - Retirees	16,579.37	
2100-54 · Dental Insurance - Retirees	2,161.80	
2100-54 · Life Insurance - Retirees	153.12	
		1,296,154.69
<b>RESERVES AND TAILINGS</b>		
2520 · Tailings - Unclaimed Property	1,568.52	
3174-01 · FY 2014 Payroll	32,958.16	
3174-02 · FY 2014 A/P Encumbrances	24,861.01	
3174-03 · Workers' Comp Audit FY 2014	3,000.00	
3244 · Property & Casualty Claims	26,085.99	
3293 · Reserve for Sick Leave Buy Back	6,000.20	
3294 · Reserve Safe Drinking Water Act	3,000.00	
3600 · Stabilization Fund	2,649.33	
		100,123.21
<b>REVENUES</b>		
4242 · Interest on Available Funds	3,534.84	
4640 · Tank Rental Fees	221,561.26	
4840 · Miscellaneous Receipts	9,388.57	
4840-08 · Emergency Power Generation	3,883.67	
		238,346.34
<b>TOTAL RECEIPTS AND CASH BALANCES AS OF JUNE 30, 2014</b>		<b>9,679,205.93</b>
<b>EXPENDITURES</b>		
<b>RECEIVABLES - Refunds &amp; Abatements</b>		
1410 · Water Receivables		4,257.46
<b>PAYROLL AGENCIES</b>		
2100-01 · Federal Income Tax Withheld	134,133.00	
2100-02 · FICA/Medicare Taxes Withheld	15,376.54	
2100-03 · State Income Tax Withheld	62,656.80	
2100-04 · County Retirement Withholdings	111,998.64	
2100-05 · Employee Direct Deposits	784,604.40	

**EXPENDITURES CONTINUED....**

2100-08 · AFLAC Short Term Disability	2,473.64	
2100-09 · Deferred Compensation	56,336.99	
2100-11 · AFLAC NE Accident Insurance	4,613.40	
2100-12 · AFLAC NE Short Term Disability	4,050.76	
2100-13 · AFLAC NE Cancer Insurance	1,042.08	
2100-14 · AFLAC NE Life Insurance	2,205.84	
2100-15 · EyeMed	851.70	
2100-50 · Health Insurance - Active	92,294.17	
2100-51 · Dental Insurance - Active	5,695.92	
2100-52 · Life Insurance - Active	290.00	
2100-53 · Health Insurance - Retirees	16,782.43	
2100-54 · Dental Insurance - Retirees	2,146.32	
2100-54 · Life Insurance - Retirees	153.12	
		<b>1,297,683.75</b>

**RESERVES**

2520 · Tellings - Unclaimed Property	1,568.52	
3173-01 · Accrued Payroll FY 2013	26,973.68	
3173-02 · Accounts Payable FY 2013	12,806.75	
3244 · Property & Casualty Claims	25,790.18	
3280 · Employee Insurance Mitigation Fund	1,044.00	
3294 · Reserve Safe Drinking Water Act Assess	8,128.55	
		<b>76,111.68</b>

**OPERATING & MAINTENANCE**

5000-01 · Gasoline	35,531.28	
5000-02 · Tractor Expense	9,085.93	
5000-03 · Truck Maintenance & Repairs	15,169.99	
5000-04 · Misc Equip Repairs & Mainten	11,092.75	
5000-05 · Electricity	275,509.80	
5000-06 · Diesel Fuel	19,017.61	
5000-07 · Heating - Natural Gas	3,532.59	
5000-09 · Sick Leave Buy-Back	22,970.00	
5000-11 · Treatment Chemicals	181,570.36	
5000-12 · Propane Gas	25,289.19	
5000-13 · Treasurer's Expense	2,594.79	
5000-14 · Technical Services	560.00	
5000-15 · Mains & Hydrants	16,308.34	
5000-16 · Legal Services	2,266.03	
5000-17 · Postage Expenses	21,506.70	
5000-18 · Printing & Advertising	12,803.93	
5000-19 · Office Expenses	9,110.94	
5000-20 · Tool Expense	7,428.01	
5000-21 · Meters & Parts	77,868.99	
5000-23 · Superintendent's Expense	907.30	
5000-24 · Licenses, Dues & Training	3,395.01	
5000-26 · Safety Equipment & Supplies	1,828.17	
5000-27 · Substance Abuse Free Workplace	710.00	
5000-28 · Communication Expenses	15,994.86	
5000-29 · FICA/Medicare & UHI Tax Expense	16,600.77	
5000-31 · County Retirement Assessment	233,739.00	
5000-34 · Computer Expenses	20,227.44	
5000-35 · Uniforms, Rugs Rentals	18,734.01	
5000-36 · Rubbish Removal	1,382.50	
5000-37 · General Supplies	2,220.36	
5000-38 · Other Necessary Expenses	1,784.56	
5000-40 · Water Quality Expenses	20,818.57	
5000-60 · Payroll - Office & Admin	390,456.27	
5000-61 · Payroll - Water Works	787,484.67	
5000-62 · Payroll - On Call Duty	35,611.09	
5000-63 · Payroll - Station Duty	53,711.12	
5000-64 · Payroll - Overtime	36,181.42	
5000-66 · Payroll - Def Comp DWD Share	23,895.98	
5000-67 · Payroll - Longevity	11,824.00	
5010 · Repairs & Maintenance	69,612.40	
5030 · Group Insurance Cost	339,073.20	
		<b>2,834,999.93</b>

**APPROPRIATIONS**

5130 · Elected Officials Salaries	7,956.00	
5140 · Principal on Debt	555,866.00	
5150 · Interest & Admin Fees on Debt	198,214.88	
5160 · Independent Financial Reports	25,000.00	
5165 · Safe Drinking Water Act Assessment	3,000.00	
5170 · Insurance Expense	122,281.08	
5190 · Water Services	56,753.57	
5640 · Cleaning Wells & Pump Repairs	3,000.00	
5680 · Water Main Rehabilitation	12,101.39	
5832 · Meter Reading Equipment	23,896.20	
5833 · Asbuilt-GIS Program	5,618.50	
5834 · SCADA System	15,653.58	
5838 · Backhoe Loader 4/24/14	80,803.00	
5840 · Miscellaneous Equipment 4/23/13	1,285.00	
5843 · New Trucks w/equip 4/23/13	31,464.68	
5845 · Inventory for Emergency Repairs	11,001.51	
5848 · Miscellaneous Equipment 4/22/14	7,793.88	
5861 · Septic System	15,894.05	
5862 · Emergency Generators	14.11	
5865 · Tank Repairs & Power Washing	6,456.74	
5866 · Power Line Maintenance	302.50	
5867 · Transmission Main Project	159,035.84	
5868 · Wells 5 & 22 - Fe/Mn Removal	506,833.00	
6500 · Wastewater Studies	10,000.00	
		<b>1,858,427.51</b>

**CASH**

1020 · Petty Cash Advance	500.00	
1040 · Cash - Unrestricted	2,518,315.60	
1050 · Cash - Restricted	1,088,910.00	
<b>BALANCES AS OF JUNE 30, 2014</b>		<b>3,607,725.60</b>
<b>TOTAL EXPENDITURES AND CASH BALANCES:</b>		<b><u>9,678,205.93</u></b>

# SALARY & WAGES FY 2014

	Elected Officials Salary	Regular	Overtime	Special Projects	Longevity	Sick Leave		Deferred Comp	TOTAL
						Buy	Back		
Alex, Peter W	0.00	47,773.44	2,230.80	0.00	0.00	0.00	0.00	1,300.00	51,304.24
Avery, George A	0.00	66,749.92	1,031.73	0.00	1,700.00	2,247.12	1,300.00	1,300.00	73,028.77
Barboza, Robert J	0.00	63,677.01	24,749.19	7,041.08	900.00	1,349.87	1,325.00	1,325.00	99,042.15
Carroll, Andrew W	0.00	44,286.49	413.66	0.00	0.00	0.00	0.00	1,300.00	46,000.15
Crowell, Charles F	2,550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,550.00
Crowell, William E	306.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	306.00
Davis, Kenneth J	0.00	59,320.13	17,821.27	0.00	400.00	696.05	780.00	780.00	79,017.45
Finnegan, Emily	0.00	15,406.56	0.00	0.00	0.00	0.00	0.00	753.75	16,160.31
Gaumont, Karen	0.00	61,971.84	0.00	0.00	200.00	0.00	0.00	1,300.00	63,471.84
Griffin, David W	0.00	61,331.84	26,312.43	182.88	1,300.00	1,380.12	1,325.00	1,325.00	91,832.27
Hollis, Scott A	0.00	56,417.79	2,938.45	0.00	0.00	0.00	0.00	1,300.00	60,656.24
Kelley, Joshua D	0.00	38,544.48	821.48	0.00	0.00	0.00	0.00	520.00	39,885.96
Kraul, Joseph D	0.00	40,787.70	860.50	4,233.66	124.00	0.00	0.00	819.00	46,824.86
Larkowski, David A	0.00	108,499.95	8,149.04	1,682.16	1,900.00	4,172.78	1,300.00	1,300.00	125,703.93
Luedeker, Ralph H	0.00	884.73	0.00	0.00	0.00	0.00	0.00	0.00	884.73
Marcotte, LeeAnn	0.00	40,244.83	0.00	0.00	0.00	0.00	0.00	1,300.00	41,544.83
Mason, Matthew T	0.00	35,344.00	2,094.00	0.00	0.00	0.00	0.00	1,300.00	38,738.00
McDowell, Peter L	2,550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,550.00
McInnis, Louise S	0.00	55,833.14	0.00	0.00	0.00	0.00	0.00	1,300.00	57,133.14
McMahon, Sheryl A	0.00	108,499.95	0.00	0.00	1,700.00	4,172.78	1,300.00	1,300.00	115,672.73
Moore, Jonathan C	0.00	55,332.12	3,100.53	2,590.52	0.00	0.00	0.00	1,300.00	62,323.17
Pina Jr, Profirio J	0.00	67,672.11	1,373.52	0.00	900.00	0.00	0.00	1,300.00	71,245.63
Prue, Paul	2,550.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,550.00
Ritchie, James E	0.00	84,233.77	14,247.80	6,722.86	1,100.00	319.88	1,300.00	1,300.00	107,924.31
Saunders, Brian J	0.00	61,405.69	19,359.23	9,069.60	1,400.00	2,631.20	1,300.00	1,300.00	95,165.72
Teixeira, Anthony	0.00	5,392.70	0.00	0.00	0.00	0.00	0.00	130.73	5,523.43
<b>TOTAL</b>	<b>7,956.00</b>	<b>1,179,610.19</b>	<b>125,503.63</b>	<b>31,522.76</b>	<b>11,624.00</b>	<b>16,969.80</b>	<b>23,853.48</b>	<b>23,853.48</b>	<b>1,397,039.86</b>

# **SUPERINTENDENT'S REPORT**

## **2014**

This year was devoted to continuing with planned upgrades to each of our Treatment Plant facilities. The work within both of the four-million gallons per day (MGD) filter plants was completed this year. The goal of this multi-phased project is to increase the amount of iron and manganese being removed from the distribution system. An additional filter vessel was installed in the north and south treatment buildings in anticipation of addition flow from Wells 5 and 22. The amount of iron (Well 22) and manganese (Well 5) has slowly increased over the years and, while not a health concern, has reached a point where filtering these two elements would improve water quality. I'm proud to say that this phase of the project was completed by our own staff, on time and within budget. The combined capacity of both plants is now 9.7 MGD. The next phase will be redirecting the raw water from Wells 5 and 22 from entering directly into the distribution system to delivering it each of the two treatment plants. I anticipate that this work will be completed in 2015.

Residential consumers were impacted by a huge increase in electric rates during the year. Governmental entities, including the District, were not immune and also took a big hit. The projected increase for electricity is estimated at \$60,000 in the next budget year. However, due to the installation of a 26,000 solar panel project at the Town of Dennis landfill and the District's participation through an inter-municipal agreement for the assignment of one megawatt of electricity annually, we will be able to enjoy a significant income source to help offset the increased cost of electricity. Receipt of these revenues is expected to begin early 2015.

During the year, the District completed its required sampling of Department of Environmental Protection Administration's (EPA) Unregulated Contaminant Monitoring Rule III (UCMR). Once every five years the EPA selects a new list of potentially identifiable contaminants and requires each water supplier must test for them. Currently, water suppliers are not required to test regularly for these newly identified contaminants but, are identified as being widely used in our daily lives. The goal of the UCMR program is to see if these contaminants are in drinking water sources and if so, at what levels. While the results from these samples were sent to EPA and are awaiting final review, all indications were that the results are considered good and no further sampling of these contaminants will likely be required.

I would like to take this opportunity to extend my appreciation to the water works and administrative staff who work diligently to provide our customers with water that is of good quality and quantity to meet their residential and business needs as well as all of our associated services. I would also like to thank the Board of Water Commissioners for their support of our budget requests and initiatives to undertake projects that ultimately enhance our production and distribution operations.

Respectfully submitted,

David Larkowski  
Superintendent

## ***Pumping Equipment Operations 2014***

	<i><b># of days</b></i>		<i><b># of days</b></i>
Main Station – Old Bass River Road 5 submersible electric pumps with a total capacity of 700 gpm pump	162	Sub-Station 12 – Old Chatham Road 75 hp electric motor w/700 gpm pump	174
Sub-Station 1 – Old Chatham Road 40 hp electric motor w/350 gpm pump	158	Sub-Station 13 – Center Street Decommissioned December 1999	
Sub-Station 2 – Old Chatham Road 20 hp electric motor w/200 gpm pump	158	Sub-Station 14 – Baker’s Pond Road 60 hp electric motor w/ 450 gpm pump	196
Sub-Station 3 – Old Chatham Road 20 hp electric motor w/250 gpm pump	158	Sub-Station 15 – Baker’s Pond Road 75 hp electric motor w/700 gpm pump 70kW generator	178 18 hrs
Sub-Station 4 – Old Bass River Road 30 hp electric motor w/350 gpm pump 85kW generator	153 18 hrs	Sub-Station 16 – Timber Lane 40 hp electric motor w/ 450 gpm pump	165
Sub-Station 5 – Route 134 30 hp electric motor w/450 gpm pump 60 hp lp gas engine w/right angle drive	152 0 hrs	Sub-Station 18 – Hokum Rock Road 75 hp electric motor w/ 700 gpm pump 70kW generator	200 18 hrs
Sub-Station 6 – Old Bass River Road 30 hp electric motor w/150 gpm pump 60 hp lp gas engine w/right angle drive	164 0 hrs	Sub-Station 19 – Setucket Road 75 hp electric motor w/700 gpm pump 75kW generator	210 17 hrs
Sub-Station 7 – Airline Road 40 hp electric motor w/450 gpm pump 60 hp lp gas engine w/right angle drive	182 0 hrs	Sub-Station 20 – Setucket Road 75 hp electric motor w/700 gpm pump 70kW generator	197 14 hrs
Sub-Station 8 – Airline Road 40 hp electric motor w/350 gpm pump 60 hp lp gas engine w/right angle drive	182 0 hrs	Sub-Station 21 – Route 134 75 hp electric motor w/700 gpm pump 80 kW generator	154 21 hrs
Sub-Station 9 – Grassy Pond Drive 75 hp electric motor w/650 gpm pump 75kW generator	195 18 hrs	Sub-Station 22– Route 134 75 hp electric motor w/700 gpm pump	165
Sub-Station 10 – Airline Road 75 hp electric motor w/700 gpm pump 150 hp lp gas engine w/right angle drive	187 0 hrs	Sub-Station 23– Old Chatham Road 75 hp electric motor w/700 gpm pump 85kW generator	147 22 hrs
Sub-Station 11 – Old Bass River Road 60 hp electric motor w/500 gpm pump	177	Booster Station – Route 134 2 – 345 hp caterpillar diesel engines w/3,500 gpm pump on each motor (manual)	0 hrs

## VEHICLE & EQUIPMENT OPERATIONS 2014

<b>Truck #</b>		<b>Miles</b>
2	2008 Ford Expedition	6,803
4	2014 GMC 2500	15,200
6	2003 Chevrolet ¾-ton pickup	7,374
8	2013 GMC 1500	5,988
10	2011 Chevrolet ½-ton pickup	12,483
12	2005 Chevrolet 1-ton dump truck	4,107
14	2008 Ford F-150 ½-ton pickup	8,801
16	2003 GMC cargo van	7,653
18	2007 Chevrolet ½-ton pickup	8,809
20	2002 Chevrolet dump truck	634
22	1999 GMC dump truck	603
24	2008 Chevrolet 2500 utility truck	4,495
26	2012 Chevrolet 1500 ½-ton pickup	7,849
28	2008 Ford F-350 utility truck	7,703
30	2002 Chevrolet cargo van	6,733
32	2010 Ford F350 utility truck	6,079
<b><i>TOTAL MILEAGE</i></b>		<b><i>111,314</i></b>

	<b>Equipment</b>	<b>Hours</b>
1993	Gravely	24
1993	Sullivan Air Compressor	59
2000	Ingersol Rand Air Compressor	16
2000	Kobelco Excavator	40
2001	John Deere Backhoe Loader	28
2003	John Deere Backhoe Loader	106
2005	John Deere Backhoe Loader	79
2005	John Deere Mini-excavator	213
2005	Gravely	12
2004	Mower	86
2004	Roller	50
2000	100kw Generator Set #1	5
2000	100kw Generator Set #2	4

## ***CUSTOMER TRANSACTIONS – FY 2014***

Meter Replacements	860
Seasonal Meter Removal/Re-install	3,488
Final Readings	443
Backflow Prevention Device Tests	135
Demand Letters Processed	309.
Demand Shut-Off Processed	163
Frozen Meters	19
Meter Tampering	0
Service Calls/Repairs	219
Fire Sprinkler Standby	97
Renewal and Relocation of Water Services	39
Payments Processed	30,540

## ***NEW SERVICES FY 2014***

Dennis	6
East Dennis	6
Dennisport	0
West Dennis	3
South Dennis	2
<b><i>TOTAL</i></b>	<b><i>17</i></b>

## ***WATER PUMPED IN 2014 In Gallons***

January	40,771,800
February	36,788,300
March	39,494,600
April	45,843,500
May	85,211,500
June	155,562,500
July	187,777,800
August	166,932,700
September	134,500,700
October	71,223,600
November	38,642,600
December	33,548,200
<b><i>Total</i></b>	<b><i>1,036,297,800</i></b>

**MAIN LINE GATES & HYDRANTS**  
**as of December 31, 2014**

Year	20"	16"	12"	10"	8"	6"	2"	Total	Hydrants
All	14	10	194	143	594	2485	169	3609	1557
2004					5	15	-3	17	12
2005				1		16	-3	14	8
2006					5	12	-1	16	7
2007						8		8	1
2008		10	13		15	24	1	63	14
2009					1	5		6	2
2010	<b><i>There were no items added in calendar 2010</i></b>								
2011					1	1		2	2
2012			7		1	3		11	2
2013			2			8	-1	9	4
2014					2				2
Totals	14	20	216	144	624	2577	162	3755	1611

**WATER MAINS**  
**as of December 31, 2014**

Year	24"	16"	12"	10"	8"	6"	4"	2"	Total
Prev	15,998	10,978	137,233	91,652	418,711	465,440	359	63,009	1,203,380
2004					2,464	4,008		-1,899	4,573
2005				242		3,780		-846	3,176
2006					1,013	1,321	14	-39	2,309
2007						843			843
2008		4,904	12,047		8,164	577		105	25,797
2009					1,132	740		-306	1,566
2010	<b><i>There were no items added in calendar 2010</i></b>								
2011					240	15			255
2012			5,399		40	463			5,902
2013			3,161		1,953	2,195		-450	6,859
2014		35			1,150				1,185
	15,998	15,917	157,840	91,894	434,867	479,382	373	59,574	1,255,845

**237.684Miles of Water Main**  
**All Cast/Ductile Iron - Cement Lined Pipe**

## ***PRODUCTION DEMAND STATISTICS***

### **Calendar Year 2014**

Largest Day	July 13	8,621,300
Smallest Day	December 20	559,200
2 <sup>nd</sup> Largest Day	July 26	8,584,300
2 <sup>nd</sup> Smallest Day	December 15	700,800
Largest Week	July 6-12	47,115,300
Smallest Week	December 7-13	3,575,700
2 <sup>nd</sup> Largest Week	June 29—July 5	44,123,100
2 <sup>nd</sup> Smallest Week	December 21-27	3,682,800
Largest Month	July	187,777,800
Smallest Month	December	33,548,700
2 <sup>nd</sup> Largest Month	August	166,932,700
2 <sup>nd</sup> Smallest Month	February	36,788,300

## ***SYSTEM STATISTICS***

### ***Calendar Year 2014***

Pumping Capacity of Main Station and 22 Sub Stations	11,600 Gallons Per Minute
Chemical Feed Pumping Stations	13
Storage Capacity of Three Standpipes and One Elevated Tank	10,550,000 Gallons
Maximum Permitted Withdrawal from all wells Per Year	1.189 Billion Gallons
Two Iron & Manganese Removal Treatment Plants	9,700,000 Gallons Per Day

## ***LAND OWNED BY DISTRICT (acres)***

***Land Owned as of 12/31/14—998.41***

***Total Watershed Conservation  
Restrictions Held as of 12/31/2014—69.60***

