

Meriden Village Water District 2014 Operator's Report

The Meriden Village Water District put into place several energy conservation and efficiency projects during the year. Liberty Utilities performed an energy audit for the wastewater treatment facility. Following the audit all of the lighting at the facility was upgraded to more energy efficient T 8 style bulbs and ballasts. Liberty utilities covered almost half of the cost of the lighting upgrade. A mini split heat pump system similar to those installed at the Plainfield School was installed to provide heating and cooling for the lab and control building. The total cost of the installation was \$3,600. The District received a rebate of \$900 from Liberty after the installation was completed by ARC. The new heat pump replaces the original building heating system that consisted of solar hot air panels and an electric heat coil that was installed in 1983. Liberty Utilities also gave the District a \$1,000 rebate for the installation of a variable frequency drive for one of the air blowers at the treatment plant that was completed in 2013.

The US EPA finally came through with the anticipated new NPDES permit. The new permit specifies the parameters that must be monitored as well as the concentrations of contaminants allowed in the plant effluent. The permit contains a requirement for the monitoring of three new contaminants, Ammonia, Phosphorus, and Copper. The permit became effective on September 1st and compliance with the new limits has been difficult for the plant to meet. One option for gaining compliance is to switch from surface water discharge to groundwater discharge/recharge. The Commissioners are currently investigating this option and are proposing to hire an engineer to study the feasibility of making the switch vs. adding treatment units to the existing facilities.

In August a crew from Underwater Solutions replaced the sacrificial anodes inside the water storage tank. The magnesium bars protect the steel tank from corrosion. The anodes are electrically connected to the tank and slowly dissolve preventing rust from forming on the tank walls. The project was completed by the four man dive crew in one day while the tank remained full of water.

The Commissioners were approached by the Facilities Committee from the Plainfield School about the possibility of purchasing power generated by solar panels located on school property. The Commissioners agreed to join the School in exploring this possibility. The Facilities Committee has submitted a grant application to the State PUC for this joint project and expect to hear back from the PUC in 2015.

The facilities and infrastructure of the Meriden Village Water District remain in excellent condition. Three new customers were added to both the water and sewer systems during the year. The Baynes Rd development which was begun in 2004 is now almost fully built out. The District faces the challenge of US EPA compliance for wastewater disposal with facilities that were not designed to treat for the removal of new

system, pursuant to RSA35:1. The Commissioners recommend this appropriation.
(Majority vote required).

ARTICLE VI. To see what action the District will take with regard to water and sewer use charges.

ARTICLE VII. To enact any other business that may legally come before this meeting.

Given under our hands and seal this tenth day of February, 2015.

A true copy attest:

Jeffery Albright

Murray Dewdney

Nathaniel Pierson

**MINUTES
MERIDEN VILLAGE WATER DISTRICT MEETING
MARCH 18, 2014**

At a legal meeting of the inhabitants of the Meriden Village Water District, in the town of Plainfield, County of Sullivan, State of New Hampshire, qualified to vote in District affairs, held at the Plainfield School on Tuesday the eighteenth of March 2014 at 7:30 p.m., the business was disposed of in the following manner:

The Annual Meeting of the Meriden Village Water District was called to order by Moderator Stephen Taylor.

ARTICLE I. The following resolution was offered, and it was moved and seconded that it be adopted:

RESOLVED: That the following slate of officers be elected:

Moderator for one year:	Stephen Taylor
Clerk for one year:	Roberta Garfield
Commissioner for three years:	Nathaniel Pierson
Treasurer for one year:	Donald Garfield
Auditor for one year:	Catherine Legare

The vote was unanimous in the affirmative and the Moderator so declared it.

ARTICLE II. The following resolution was offered, and it was moved and seconded that it be adopted:

RESOLVED: That the District raise and appropriate the sum of \$221,714, which represents the operating budget. Said sum does not include special or individual warrant articles addressed.

It was unanimously voted in the affirmative and the Moderator so declared it.

ARTICLE III. The following resolution was offered and it was moved and seconded that it be adopted:

RESOLVED: That the reports of District Officers be accepted as printed in the Town of Plainfield 2013 Town Report; subject to corrections, and that a corrected copy be placed on file with the District Clerk.

It was unanimously voted in the affirmative and the Moderator so declared it.

ARTICLE IV. The following resolution was offered and it was moved and seconded that it be adopted:

RESOLVED: That the District vote to raise and appropriate the sum of one thousand dollars (\$1,000) to be added to the Capital Reserve Fund created in 1993 for replacing or upgrading the water distribution system, pursuant to RSA35:1.

It was unanimously voted in the affirmative and the Moderator so declared it.

ARTICLE V. The following resolution was offered and it was moved and seconded that it be adopted:

RESOLVED: That the District vote to raise and appropriate the sum of five thousand dollars (\$5,000) to be added to the Capital Reserve Fund created in 1997 for the purpose of replacing or upgrading equipment on the wastewater treatment system, pursuant to RSA35:1

It was unanimously voted in the affirmative and the Moderator so declared it.

ARTICLE VI. The following resolution was offered and it was moved and seconded that it be adopted:

RESOLVED:

1. That District charges for residential sewer service remain unchanged at \$100 per quarter.
2. That District charges for sewer service to Kimball Union Academy be increased from \$8,750 per month to \$8,800 per month.
3. That District charges for sewer service to Plainfield Elementary School remain at \$500 per month.
4. That District charges for residential water service be increased from \$75 per quarter to \$80 per quarter.
5. That District charges for water service to Kimball Union Academy be increased from \$4,800 per month to \$5,200 per month.

ARTICLE VII. In other business, Doris LeVarn was thanked for serving two years as District Auditor. Bill Taylor was commended for excellent performance as operator of the water and sewer departments. There being no further business, the meeting was voted adjourned at 7:50 p.m.

Roberta I. Garfield, Clerk

**Meriden Village Water District
Water Department Balance Sheet
As of December 31, 2014**

Assets:	
Checking account balance	\$32,664.83
Undeposited funds	\$5,350.00
Capital Reserve Fund	\$121,020.03
Accounts due District: Water charges due	\$14,377.29
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Total Assets	\$173,412.15
Liabilities:	
Reserve Funds: Capital Reserve	\$121,020.03
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Total Liabilities	\$121,020.03
Fund Balance- Current Surplus	\$52,392.12
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Grand Total	\$173,412.15

Principal Balance Long Term Debt:	
State of NH Revolving Fund	\$432,530.37

**Sewer Department Balance Sheet
As of December 31, 2014**

Assets:	
Checking account balance	\$57,054.16
Undeposited funds	\$9,200.00
Capital Reserve Fund	\$95,317.64
Accounts due District: Sewer charges due	\$16,560.09
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Total Assets	\$178,131.89
Liabilities:	
Reserve Funds: Capital Reserve	\$95,317.64
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Total Liabilities	\$95,317.64
Fund Balance- Current Surplus	\$82,814.25
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Grand Total	\$178,131.89
Principal Balance Long Term Debt:	
State of NH Revolving Fund	\$207,731.08

**Meriden Village Water District
Sewer Department**

Income	Budget 2013	Actual 2013	Budget 2014	Actual 2014	Budget 2015
Sewer Charges	\$128,000	\$129,660	\$131,200	\$131,446	\$130,541
Hook-Ups	\$0	\$0	\$0	\$9,000	\$0
Interest	\$0	\$13	\$0	\$15	\$0
Capital Reserve	\$0	\$0	\$0	\$0	\$0
Xfer from Water	\$0	\$0	\$0	\$0	\$0
From Surplus	\$5,500	\$0	\$4,558	\$0	\$29,700
Other Income	\$0	\$0	\$0	\$2,354	\$0
Total Income	\$133,500	\$129,673	\$135,758	\$142,815	\$160,241

Expenses	Budget 2013	Actual 2013	Budget 2014	Actual 2014	Budget 2015
Office	\$1,000	\$875	\$1,000	\$950	\$1,000
Legal	\$200	\$0	\$200	\$0	\$200
Electricity	\$6,000	\$4,981	\$6,000	\$6,686	\$8,300
Insurance	\$21,000	\$19,483	\$23,350	\$23,716	\$25,165
Maintenance	\$11,000	\$10,690	\$15,000	\$13,712	\$17,000
Telephone	\$1,400	\$1,266	\$1,400	\$1,093	\$1,200
Wages	\$38,195	\$33,331	\$39,150	\$33,920	\$35,000
FICA, Medicare	\$3,765	\$3,402	\$3,500	\$3,459	\$3,700
Retirement	\$5,850	\$5,488	\$6,025	\$6,121	\$6,200
Interest on debt	\$8,361	\$8,360	\$7,803	\$7,803	\$7,246
Principal on debt	\$15,979	\$15,979	\$15,980	\$15,979	\$15,980
Supplies	\$4,000	\$1,747	\$3,000	\$1,570	\$3,000
Effluent Testing	\$2,500	\$2,135	\$2,600	\$2,854	\$4,000
Vehicle	\$750	\$440	\$750	\$0	\$750
Capital Reserve	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Monitoring	\$5,000	\$8,705	\$5,000	\$6,404	\$6,500
Blower Replacement	\$3,500	\$327	\$0	\$0	\$0
Total Expenses	\$133,500	\$122,209	\$135,758	\$129,268	\$160,241

Water Department

Income	Budget 2013	Actual 2013	Budget 2014	Actual 2014	Budget 2015
Water Rents	\$77,000	\$76,120	\$83,200	\$80,493	\$83,673
Hook-Ups	\$0	\$0	\$0	\$3,450	\$0
Hydrant Rentals	\$3,600	\$3,600	\$3,600	\$3,600	\$3,600
Interest	\$0	\$12	\$0	\$10	\$0
Capital Reserve	\$0	\$0	\$0	\$0	\$0
From Surplus	\$5,367	\$0	\$5,146	\$2,326	\$4,000
Other Income	\$0	\$1,300	\$0	\$503	<u>\$0</u>
Total Income	\$85,967	\$81,032	\$91,946	\$90,382	\$91,273
	Budget 2013	Actual 2013	Budget 2014	Actual 2014	Budget 2015
Expenses					
Office	\$500	\$358	\$500	\$276	\$500
Legal	\$250	\$50	\$250	\$0	\$250
Electricity	\$6,000	\$4,655	\$6,000	\$5,990	\$7,200
Insurance	\$5,400	\$5,561	\$6,000	\$5,964	\$4,500
Maintenance	\$11,500	\$6,497	\$15,000	\$16,298	\$16,000
Telephone	\$300	\$241	\$300	\$363	\$250
Wages	\$10,870	\$11,132	\$11,465	\$11,298	\$11,400
FICA, Medicare	\$0	\$0	\$0	\$0	\$0
Retirement	\$1,775	\$2,010	\$2,060	\$2,042	\$2,100
Interest on debt	\$16,405	\$16,405	\$15,467	\$15,467	\$14,500
Principal on debt	\$27,967	\$27,966	\$28,904	\$28,904	\$29,873
Supplies	\$2,000	\$1,227	\$2,000	\$1,280	\$2,000
Water Analysis	\$2,000	\$2,890	\$3,000	\$1,500	\$1,700
Capital Reserve	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
SRF Project	\$0	\$0	\$0	\$0	\$0
Trnsfr to Sewer	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$85,967	\$79,991	\$91,946	\$90,382	\$91,273

**Commissioners,
Meriden Village Water District
P.O. Box 84
Meriden, NH 03770**

SUBJECT: 2014 Audit Findings

Gentlemen:

I have reviewed the MVWD Treasurer's 2014 financial records, per RSA 41:31a and 41:31d, and find these records to be complete and accurate to the best of my knowledge.

Catherine Legare, Auditor
Meriden Village Water District
January 24, 2015