

Meriden Village Water District 2015 Operator's Report

2015 was the first full year of operation of the Wastewater Treatment Facility under the new EPA issued discharge permit. The new permit contains limits for three new pollutants not contained in any of the previously issued permits. Ammonia, Phosphorus, and Copper limits have been difficult to meet at various times during the year. Ammonia has been in violation only during times when the effluent temperature is low (early Spring/late Fall). Copper has been in violation of permit limits during much of the fall and winter months. Phosphorus has been consistently in violation during the entire monitoring season. The Commissioners retained the services of Horizons Engineering from Littleton and New London NH, to perform a feasibility study for various alternatives to achieve total compliance with the new permit. Several treatment facility modifications were examined for both their cost and performance. Costs ranged from 1.2 to more than 3 million dollars for only partial compliance with Ammonia and Phosphorus. Horizons also studied the feasibility of rapid infiltration basins (RIBs). RIBs discharge treated effluent to the groundwater as opposed to surface water. EPA permits are not required for the operation of RIBs, instead the State of NH issues groundwater discharge permits which do not contain the same stringent monitoring requirements.

In the late spring fifteen test pits were dug on MVWD property to assess the soil conditions for the installation of RIBs. Several areas of favorable soil conditions were found and in the opinion of the engineer could support groundwater discharge. Horizons proposed the installation of RIBs as the preferred option for permit compliance. The installation of seven rapid infiltration basins capable of handling 40,000 gallons per day of treated effluent each is expected to cost \$800,000. Monitoring wells will be installed in the spring of 2016 and a scale test RIB will be constructed to study the actual groundwater conditions. A bond vote is anticipated in March of 2017. A reduction in the amount of inflow and infiltration of clean water that enters the sewer collection system will be an important part of the RIB project.

The winter of 2015 will be remembered for the extremely cold conditions causing the frost to penetrate the ground to very deep levels. Several customers experienced frozen water services. The installation of water meters continues to be investigated by the District. The State of NH has required this and vendors and contractors continue to be discussed. The District will need to find a new property and liability insurance provider as the Local Government Center will no longer be in the business. Discharge Monitoring Reports (DMRs) are now being filed electronically with the EPA via the Net DMR system. Net DMR is the second largest Federal filing requirement, the IRS is the largest.

Respectfully Submitted,

William S. Taylor, Certified Operator, Meriden Village Water District

Jeffrey S. Allbright

Murray Dewdney

Nathaniel Pierson

Commissioners, Meriden Village Water District

THE STATE OF NEW HAMPSHIRE

SULLIVAN, SS.

TOWN OF PLAINFIELD

To the inhabitants of the Town of Plainfield in the said county of Sullivan in said State, who are legal voters residing in the Meriden Village Water District, and qualified to vote in said District affairs:

You are hereby notified to meet at the **MERIDEN FIRE STATION** in said Meriden Village Water District on Tuesday **the fifteenth day of March 2016 at 7:30 p.m.** to act upon the following subjects:

ARTICLE I. To choose the necessary District Officers for the ensuing year, or otherwise as the by-laws direct:

1. A moderator for one year.
2. A clerk for one year.
3. A commissioner for three years.
4. A treasurer for one year.
5. An auditor for one year.
6. Such other officers and agents as the voters may judge.

ARTICLE II. To see if the District will vote to raise and appropriate the sum of \$227,089 which represents the operating budget. Said sum does not include special or individual warrant articles addressed. The Commissioners recommend this appropriation. (Majority vote required)

ARTICLE III. To see what action the District will take with regard to the reports of the District officers.

ARTICLE IV. To see if the District will 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, with said funds to come from user fees. The Commissioners recommend this appropriation. (Majority vote required).

ARTICLE V. To see if the District will 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 facilities on the wastewater treatment system, pursuant to RSA35:1, with said funds to come from user fees. The Commissioners recommend this appropriation. (Majority vote required).

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

ARTICLE VII. To enact any other business that may legally come before this meeting. Given under our hands and seal this ninth day of February, 2016.

A true copy attest:

Jeffery Albright
Murray Dewdney
Nathaniel Pierson

**MINUTES
MERIDEN VILLAGE WATER DISTRICT MEETING
MARCH 17, 2015**

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 seventeenth of March 2015 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:	Jeffrey Allbright
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 \$227,014, 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 as printed in the Town of Plainfield 2014 Town Report be amended as follows: that Article IV of the Warrant include the words "with said funds to come from user fees", and that Article V of the Warrant include the words, "with said funds to come from user fees and unexpended fund balance", 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), with said funds to come from user fees, 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 twenty five thousand dollars (\$25,000), with said funds to come from user fees and unexpended fund balance, to be added to the Capital Reserve Fund created in 1997 for the purpose of replacing or upgrading facilities 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 remain unchanged at \$8,800 per month.
3. That District charges for sewer service to Plainfield Elementary School remain unchanged at \$500 per month.
4. That District charges for residential water service remain unchanged at \$80 per quarter.
5. That District charges for water service to Kimball Union Academy be increased from \$5,200 per month to \$5,450 per month.

ARTICLE VII. In other business, 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 J. Garfield, Clerk

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

SUBJECT: 2015 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 25, 2016

**Meriden Village Water District
Water Department Balance Sheet
As of December 31, 2015**

Assets:	
Checking account balance	\$48,711.85
Undeposited funds	\$0.00
Capital Reserve Fund	\$122,877.83
Accounts due District: Water charges due	\$15,036.44
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Total Assets	\$186,626.12
Liabilities:	
Reserve Funds: Capital Reserve	\$122,877.83
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Total Liabilities	\$122,877.83
Fund Balance- Current Surplus	\$63,748.29
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Grand Total	\$186,626.12
Principal Balance Long Term Debt:	
State of NH Revolving Fund	\$402,657.82

**Sewer Department Balance Sheet
As of December 31, 2015**

Assets:	
Checking account balance	\$53,473.42
Undeposited funds	\$0.00
Capital Reserve Fund	\$108,612.96
Accounts due District: Sewer charges due	\$18,240.45
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Total Assets	\$180,326.83
Liabilities:	
Reserve Funds: Capital Reserve	\$108,612.96
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Total Liabilities	\$108,612.96
Fund Balance- Current Surplus	\$71,713.87
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Grand Total	\$180,326.83
Principal Balance Long Term Debt:	
State of NH Revolving Fund	\$191,751.77

**MERIDEN VILLAGE WATER DISTRICT
SEWER DEPARTMENT**

Income	Budget 2014	Actual 2014	Budget 2015	Actual 2015	Budget 2016
Sewer Charges	\$131,200	\$131,446	\$130,541	\$140,342	\$130,218
Hook-Ups	\$0	\$9,000		\$2,250	\$0
Interest	\$0	\$15		\$72	\$0
From Capital Reserve				\$12,500	\$40,000
Transfer from Water					\$0
From Surplus	\$4,558		\$29,700	\$3,582	\$10,000
Other Income	\$0	\$2,354		\$1,447	\$0
Total Income	\$135,758	\$142,815	\$160,241	\$160,192	\$180,218

Expenses	Budget 2014	Actual 2014	Budget 2015	Actual 2015	Budget 2016
Office	\$1,000	\$950	\$1,000	\$510	\$1,000
Legal	\$200	\$0	\$200	\$215	\$200
Electricity	\$6,000	\$6,686	\$8,300	\$7,273	\$8,300
Insurance	\$23,350	\$23,716	\$25,165	\$23,784	\$23,800
Maintenance	\$15,000	\$13,712	\$17,000	\$7,385	\$17,000
Telephone	\$1,400	\$1,093	\$1,200	\$1,095	\$1,200
Wages	\$39,150	\$33,920	\$35,000	\$34,893	\$35,700
FICA, Medicare	\$3,500	\$3,459	\$3,700	\$3,562	\$3,700
Retirement	\$6,025	\$6,121	\$6,200	\$6,355	\$6,400
Interest on debt	\$7,803	\$7,803	\$7,246	\$7,246	\$6,688
Principal on debt	\$15,980	\$15,979	\$15,980	\$15,979	\$15,980
Supplies	\$3,000	\$1,570	\$3,000	\$2,518	\$3,000
Effluent Testing	\$2,600	\$2,854	\$4,000	\$4,590	\$4,500
Vehicle	\$750	\$0	\$750	\$120	\$750
Capital Reserve	\$5,000	\$5,000	\$25,000	\$25,000	\$5,000
Ground Water Monitoring	\$5,000	\$6,404	\$6,500	\$7,652	\$7,000
Special Projects	\$0		\$0	\$12,016	\$40,000
Total Expenses	\$135,758	\$129,268	\$160,241	\$160,192	\$180,218

**MERIDEN VILLAGE WATER DISTRICT
WATER DEPARTMENT**

Income	Budget 2014	Actual 2014	Budget 2015	Actual 2015	Budget 2016
Water Rents	\$83,200	\$80,493	\$83,673	\$93,478	\$84,271
Hook-Ups	\$0	\$3,450		\$800	\$0
Hydrant Rentals	\$3,600	\$3,600	\$3,600	\$3,600	\$3,600
Interest	\$0	\$10		\$163	\$0
From Capital Reserve					
From Surplus	\$5,146	\$2,326	\$5,500	\$0	\$5,000
Other Income		\$503	-	\$482	\$0
Total Income	\$91,946	\$90,382	\$92,773	\$98,523	\$92,871
Expenses	Budget \$2,014	Actual \$2,014	Budget \$2,015	Actual \$2,015	Budget \$2,016
Office	\$500	\$276	\$500	\$42	\$500
Legal	\$250	\$0	\$250	\$0	\$250
Electricity	\$6,000	\$5,990	\$7,200	\$7,319	\$7,400
Insurance	\$6,000	\$5,964	\$6,000	\$6,081	\$6,000
Maintenance	\$15,000	\$16,298	\$16,000	\$6,124	\$15,000
Telephone	\$300	\$363	\$250	\$375	\$250
Wages	\$11,465	\$11,298	\$11,400	\$11,673	\$11,900
FICA, Medicare	\$0	\$0	\$0	\$0	\$0
Retirement	\$2,060	\$2,042	\$2,100	\$2,161	\$2,200
Interest on debt	\$15,467	\$15,467	\$14,500	\$14,498	\$13,497
Principal on debt	\$28,904	\$28,904	\$29,873	\$29,873	\$30,874
Supplies	\$2,000	\$1,280	\$2,000	\$1,393	\$2,000
Water Analysis	\$3,000	\$1,500	\$1,700	\$1,939	\$2,000
Capital Reserve	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Total Expenses	\$91,946	\$90,382	\$92,773	\$82,477	\$92,871