

Merrimack Village District



2018 Annual Report

IMPORTANT INFORMATION

CONTACT INFORMATION

Office Location & Hours:

2 Greens Pond Road, Merrimack, NH 03054

Monday – Friday 8:00 AM – 4:30 PM

Phone: 603-424-9241 Fax: 603-424-0563 Email: customerservice@mvdwater.org Website: www.mvdwater.org

The MVD website, www.mvdwater.org, continues to be updated and provides a vast amount of information for all MVD customers, including: MVD By-Laws, Rate & Fee Schedule, Budget, Water Quality, Event Calendar & Flushing Schedules, Appointment Scheduling, Public/Legal Notices, and more. Questions? Email customerservice@mvdwater.org.

2019 MVD HOLIDAYS

New Year's Day	Tuesday, January 1 st
Civil Rights Day	Monday, January 21 st
President's Day	Monday, February 18 th
Memorial Day	Monday, May 27 th
Independence Day	Thursday, July 4 th
Labor Day	Monday, September 2 nd
Veterans Day	Monday, November 11 th
Thanksgiving	Thursday, November 28 th & Friday, November 29 th
Christmas	Wednesday, December 25 th

2019 DATES TO REMEMBER

Monthly	Board of Commissioners Meeting - 3 rd Monday of Each Month
Annual/Biannual	Backflow Testing (Commercial/Industrial Businesses)
Year-Round	Odd/Even Watering Restriction
Yearly Apr - Oct	Water System Flushing - Notices Posted on MVD's website: www.mvdwater.org , in the Newspaper, & Aired on Merrimack TV Public Access Channel
May 2019	Hydrant Painting & Maintenance Begins
June 30, 2019	2018 Water Quality Report – Notification Mailed to All Merrimack Residents, Businesses, and Condominium Associations
February 24, 2020	Merrimack Village District Public Hearing <i>Check MVD Calendar for Location</i>
March 31, 2020	Merrimack Village District Annual Meeting <i>Check MVD Calendar for Location</i>

**MVD WOULD LIKE TO THANK THE RESIDENTS AND BUSINESSES OF
MERRIMACK FOR THEIR CONTINUED SUPPORT**

**MERRIMACK VILLAGE DISTRICT
WATER WORKS**



2018 ANNUAL REPORT

Merrimack Village District Office • 2 Greens Pond Road • Merrimack, NH 03054
Website: www.mvdwater.org

**MERRIMACK VILLAGE DISTRICT
2018 ANNUAL REPORT**

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In Memory – Martin Carrier 86

MVD OFFICERS AND STAFF

District Officers

Term Expires

Chairman	Joseph (Joe) Comer	2020
Vice Chairman	Anthony (Tony) Pellegrino	2020
Commissioner/Personnel Liaison	George (Chip) Keller	2019
Commissioner	Donald (Don) Provencher	2021
Commissioner	Wolfram (Wolf) von Schoen	2021
Moderator	Brian McCarthy	2020
Clerk	Jill Lavoie	2020
Treasurer	Kathryn Stack	2021
Secretary	Rita Pointon	

Not an Elected Position

District Staff

Office Staff

Superintendent	Ronald Miner
Business Manager/Water Quality Support	Jill Lavoie
Finance & Human Resources Director	Michele Holton
Customer Service & Billing	Amy Doucette
Office Assistant	Michelle Thompson

Distribution Staff

Distribution Foreman	David Fredrickson
Assistant Distribution Foreman	Stephen Chase
Sr. Utility Field Technician	Daniel St. Pierre
Sr. Utility Field Technician	Edward Lambert
Utility Field Technician	Heinz Smith
Utility Field Technician	Justin Hanscom

Treatment Staff

Supervisor	Kevin Gurney
Assistant Supervisor	Jason Dubois
Sr. Utility Technician	James (Skip) Colburn
Utility Technician	Brian Hieken



WATER WORKS
www.mvdwater.org

MERRIMACK VILLAGE DISTRICT

MISSION STATEMENT

“The Merrimack Village District will develop, operate and maintain our water system in a cost-effective manner.”

Revised and Adopted by the Board of Commissioners - September 16, 2013

Board of Commissioners & Elected Officers

The Merrimack Village District (MVD) Board of Commissioners (BOC) consists of five members that meet monthly and/or at the call of the Chair. In addition to the BOC, there are Officers for the Clerk, Treasurer, and Moderator positions. Commissioners and Officers are elected by the Town of Merrimack's registered voters at the Annual Meeting in March. MVD's BOC and Officers strive to provide high quality water and service to rate payers.

Chairman: Joseph (Joe) Comer - Joe was elected to the Board and has been serving MVD since 2011. Joe worked for over 36 years with the Town of Merrimack Fire Department and Building Department.

Vice Chairman: Anthony (Tony) Pellegrino – Tony was elected to the Board and has been serving MVD since 2005. He had previously been a Commissioner for more than twelve years. He has also served the Town of Merrimack as a Selectman and member of the Conservation Commission.

Commissioner/Personnel Liaison: George (Chip) Keller - Chip was elected to the Board and has been serving MVD since 2007. He is a registered land surveyor with The State of New Hampshire. He is also associated with Fieldstone Land Consultants, PLLC and is the former owner of George F. Keller Inc. Civil Engineers.

Commissioner: Donald (Don) Provencher – Don was elected to the Board and has been serving MVD since 2018. He holds a Master's Degree in Civil & Geo-environmental Engineering and is a registered Professional Civil Engineer in NH and MA. Don owns and operates Provencher Engineering, LLC., which is located here in town and specializes in water supply, wastewater and civil engineering projects.

Commissioner: Wolfram (Wolf) von Schoen – Wolfram was elected to the Board and has been serving MVD since 2018. Wolf holds a Master's Degree in Mechanical & Automation Engineering. Wolf has served in various executive positions of manufacturing & industrial service companies, running large scale capital equipment installation & maintenance operations.

Moderator: Brian McCarthy

Clerk: Jill Lavoie

Treasurer: Kathryn Stack

Secretary: Rita Pointon (*Not an Elected Position*)

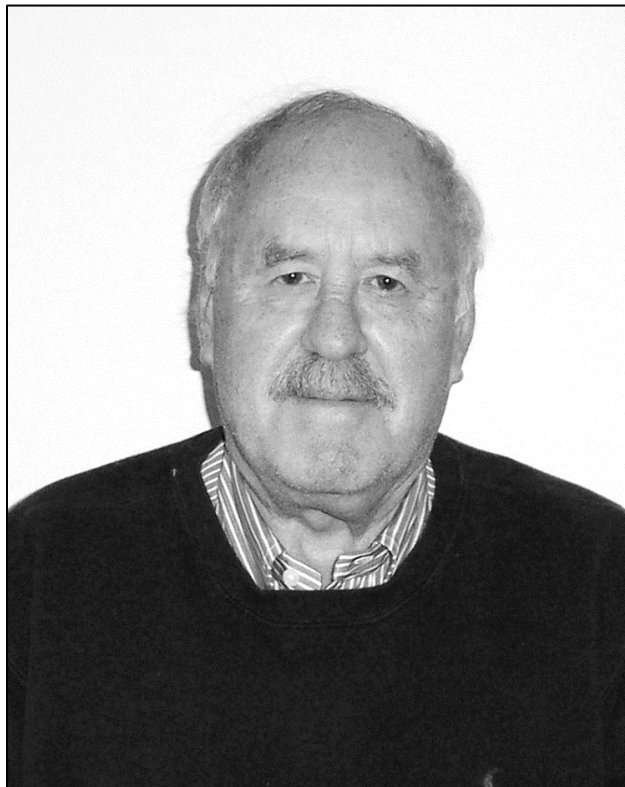
Chairman, Joe Comer would like to thank the Board of Commissioners, Officers and the entire MVD staff for their support and dedication.



MERRIMACK VILLAGE DISTRICT

All at Merrimack Village District

*Extend a Sincere Thank You in Appreciation of
Over 12 Years of Dedicated Service to the District
Commissioner & Chairman of the Board of Commissioners*



George "Chip" Keller

~ Best Wishes in Retirement ~

ABOUT MERRIMACK VILLAGE DISTRICT

The Merrimack Village District (MVD) is a Municipal Corporation established and regulated in accordance with the provisions of the State of New Hampshire RSA 52 Law as amended. MVD is governed by a five-member Board of Commissioners (BOC). In addition, there are Officers elected for the positions of Clerk, Treasurer and Moderator. The registered voters of Merrimack elect MVD's BOC and Officers for their term at the Annual Meeting held in March.

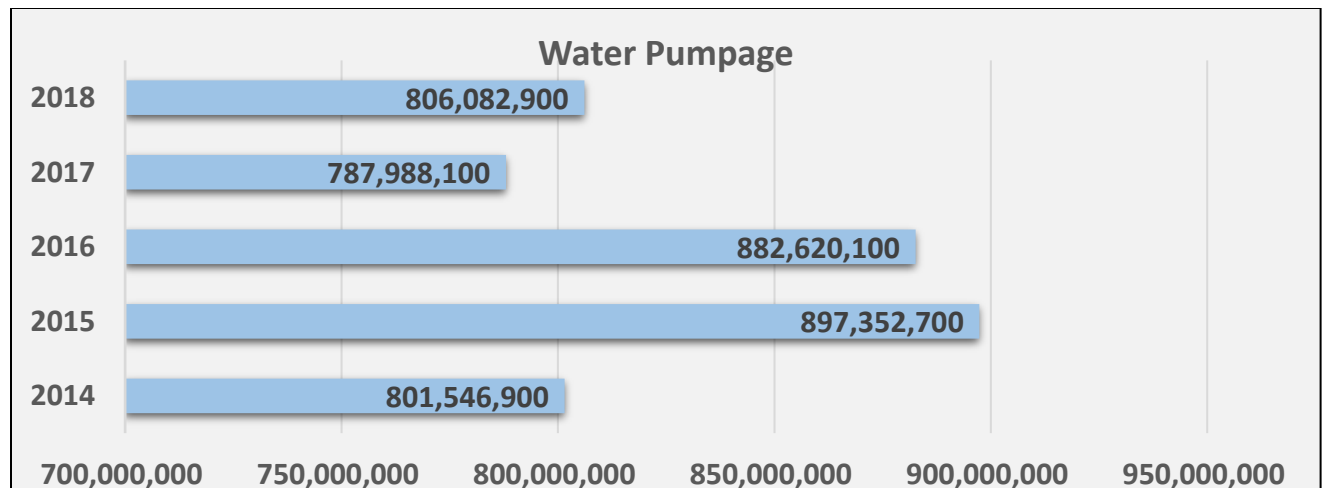
WATER SUPPLY

Many people naturally assume MVD water comes from nearby rivers or lakes. Merrimack, however, is unique in that 100% of our drinking water comes from groundwater.

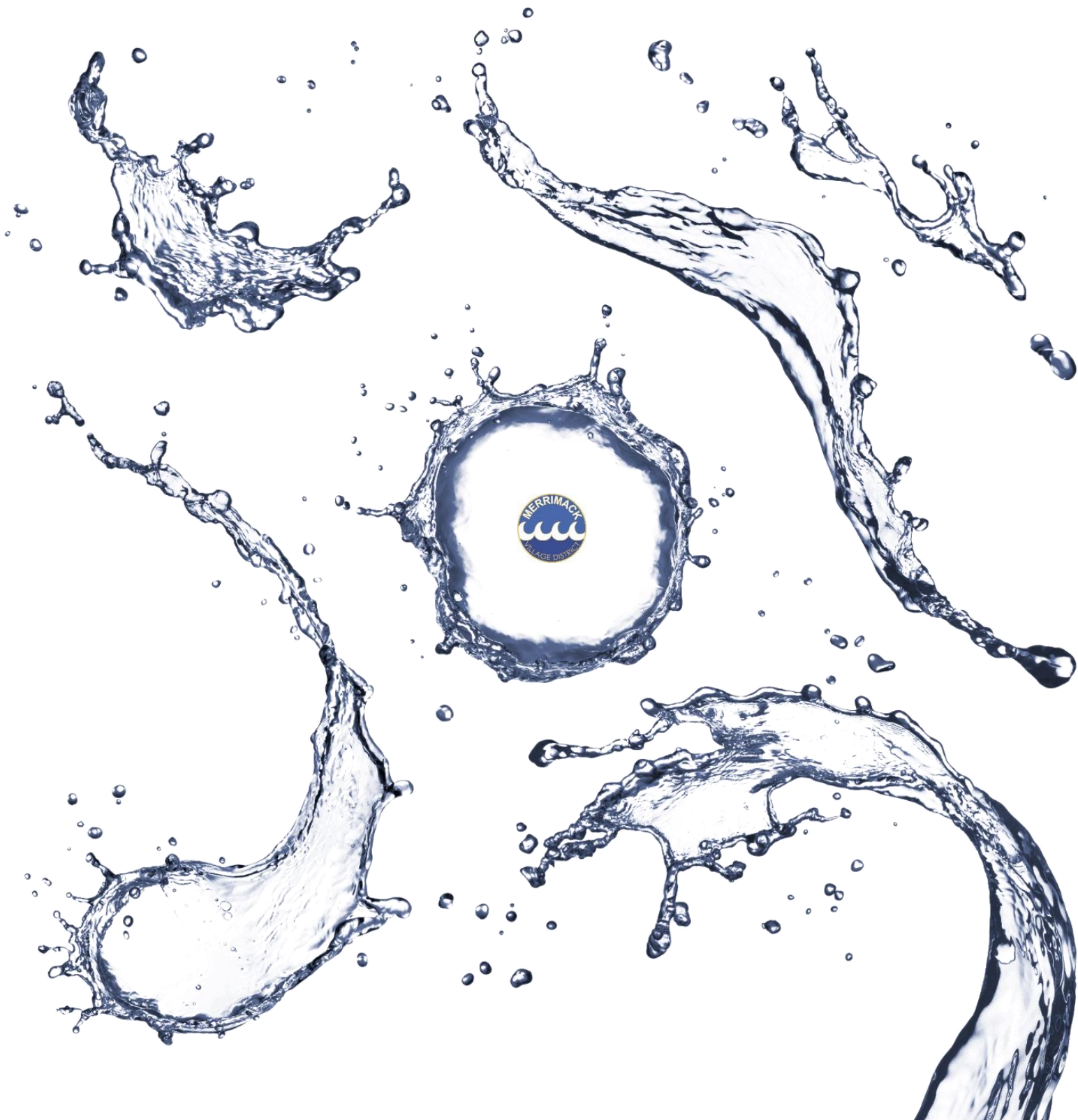
MVD's water distribution system begins with six groundwater wells located in various parts of Merrimack and Hollis. Water is pumped from these wells, treated on-site then pumped to one of three water storage tanks in town. Water is distributed from the tanks through a network of over 175 miles of water mains to homes, businesses and schools.

The MVD provides water to over 87% of the town by servicing and maintaining over 925,000 feet of water mains, 905 fire hydrants, 7 wells (6 active, 1 inactive), 3 water storage tanks, 1 Iron & Manganese Treatment Plant, and 3 Booster Stations. As the town continues to grow, new water mains and fire hydrants continue to be added to the MVD system.

The following chart shows the total gallons pumped per year.



MERRIMACK VILLAGE DISTRICT



2018 CONSUMER CONFIDENCE REPORT EPA ID #: 1531010

Merrimack Village District (MVD) 2018 Consumer Confidence Report

(2017 Data)



What is a Consumer Confidence Report? The Consumer Confidence Report (CCR) details the quality of your drinking water, where it comes from, and where you can get more information. This annual report documents all detected primary and secondary drinking water parameters, and compares them to their respective standards known as Maximum Contaminant Levels (MCLs).

The sources of drinking water: Both tap water and bottled water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

What is the source of my drinking water? MVD The District is supplied by 6 “groundwater” wells known locally as Wells 2, 3, 4, 5, 7 and 8. Water from each well is treated on-site at each pumping station and then distributed through a network of water mains to residential properties, businesses and schools.

In order to ensure that tap water is safe to drink: The EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. The US Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants that may be present in source water include:

Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

Why are there contaminants in my water? Drinking water, including bottled water, may reasonably be expected to contain at least a small amount of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791) or online at www.epa.gov/safewater.

Do I need to take special precautions? Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

Source Water Assessment Summary: In an effort to assess the vulnerability of each of the states' public water supply sources NH DES prepared drinking water source assessment reports for all public water systems between 2000 and 2003. Included in the report is a map of each source water protection area, a list of potential and known contamination sources, and a summary of available protection options. The results of the assessment, prepared for well 7 in 2000 and the remainder of the wells in 2002 indicates that four (4) wells were rated low, the other two (2) wells were rated in the medium range as noted below.

Well #	Susceptibility Rating		
	High	Medium	Low
1	1	2	9
2	1	2	9
3	1	2	9
4	3	4	5
5	4	3	5
7	1	2	9
8	1	2	9

Note: This information is over 10 years old and includes information that was current at the time the report was completed. Therefore, some of the ratings might be different if updated to reflect current information. At the present time, DES has no plans to update this data. The complete Assessment Report is available for review at MVD, 2 Greens Pond Road, Merrimack, NH or can be obtained from the NHDES website at:

<http://des.nh.gov/organization/divisions/water/dwgb/dwspp/reports/documents/merrimack.pdf>. For more information, contact Superintendent, Ronald Miner, Jr at 603-424-9241 x107 or ron.miner@mvdwater.org.

Violations and Other information: On 1/29/2018 the Merrimack Village District water system was issued a Notice of Violation for failure to monitor and report (M/R) the system's disinfection byproducts chlorine residual level by January 10, 2018, for Q4-2017. EPA and DES categorize this type of violation as a monitoring /reporting (M/R) violation. Public notice was not required for the M/R violation, because DES received documentation subsequent to the violation to show that the disinfection byproducts chlorine residual levels were taken/measured timely during Q4-2017. Please note that the violation remains valid; however, because the report was received by DES, the violation has been closed.

How can I get involved? For more information about your drinking water please contact MVD's Water Quality Testing Specialist, Jill Lavoie at 603-424-9241 x: 103 or email jill.lavoie@mvdwater.org. Or contact MVD's Superintendent, Ronald Miner, Jr. at 603-424-9241 x 107 or email ron.miner@mvdwater.org. The MVD Board of Commissioners meets the 3rd Monday of each month except holidays. You may submit questions in writing to MVD by sending them to 2 Greens Pond Road, Merrimack, NH 03054.

Water Quality

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. Last year MVD tested for over 100 contaminants, including inorganic contaminants (salts, metals), organic chemical contaminants (synthetic and volatile chemicals), and radioactive contaminants. The following table only shows the substances that were detected in your water in 2017 or earlier. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the last calendar year. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Water Quality Results

Contaminant	MCLG or MRDLG	MCL, SMCL, TT, or MRDL	Your Water	Range		Sample Date	Violation	Typical Source	
				Low	High				
Inorganic Contaminants									
Nitrate [measured as Nitrogen] (ppm)	10	10	.078		ND	1.1	2017	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Sodium (ppm)	NA		79.72		29.9	236	2017	No	Erosion of natural deposits; Leaching
Barium	2	2	.02		.011	.033	15/16	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Haloacetic acids (HAA5) (ppm)	.060	NA	.01695		.0127	.0212	10/18/17	No	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHMs) (ppm)	.080	NA	.0069		.0005	.0133	10/18/17	No	Byproduct of drinking water disinfection
Secondary Contaminants									
Copper (ppm)		1.0	.024		ND	.11	2017	No	Corrosion of household plumbing systems; Erosion of natural deposits
Iron (mg/L)		0.3	0.5		ND	1.73	2017	No	Naturally occurring
Manganese		0.05	0.19		ND	0.39	2017	No	Naturally occurring
Chloride (mg/L)		250	178		66.5	489	2017	No	Erosion of natural deposits; Leaching
pH		6.5-8.5	5.9		5.6	6.79	2017	No	pH is an expression of the intensity of the basic or acidic condition of a liquid.
Additional Testing									
Alkalinity			22.78		13	49	2017	No	The capacity of water to neutralize acids.
Hardness (ppm)	100		85.82		46.5	190	2017	No	A characteristic of water.
Microbiological Contaminants									
Turbidity (NTU)	NA	TT	.10		ND	1.44	2017	No	Soil runoff

Lead & Copper	AL	Your Water	Sample Date	# Samples Exceeding AL	Violation	Typical Source
Copper - action level at consumer taps (ppm)	1.3	.337	2017	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	15	0	2017	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

If present, elevated levels of lead can cause serious problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. MVD is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 800-426-4791 or at <http://www.epa.gov/safewater/lead>.

PFAS Results

Well ID/Contaminant	EPA advisory / AGQS	Average Level PFOA/PFOS in MVD Wells	Range		Sample
	70 ppt combined		Low	High	Date
Well #2 perfluorooctanoic acid (PFOA) (ppt)	70	12.75	8	17	2017
perfluorooctane sulfonate (PFOS) (ppt)	70	0.92	ND	3	2017
perfluorobutanesulfonate	NA	1.33	ND	2	2017
perfluorodecanoic acid	NA	0.08	ND	1	2017
perfluoroheptanoic acid	NA	ND	ND	ND	2017
perfluorohexanesulfonate	NA	0.29	ND	1	2017
perfluorohexanoic acid	NA	2.9	ND	8	2017
perfluorononanoic acid	NA	0.12	ND	0.6	2017
perfluoropentanoic acid	NA	2.25	ND	4	2017
Well #3 perfluorooctanoic acid (PFOA) (ppt)	70	18.75	13	26	2017
perfluorooctane sulfonate (PFOS) (ppt)	70	1.2	ND	2	2017
perfluorobutanesulfonate	NA	3.3	ND	5.1	2017
perfluorodecanoic acid	NA	.075	ND	.9	2017
perfluoroheptanoic acid	NA	7.2	6.7	7.6	2017
perfluorohexanesulfonate	NA	.167	ND	0.9	2017
perfluorohexanoic acid	NA	7.6	5	10	2017
perfluorononanoic acid	NA	0.5	ND	0.9	2017
perfluoropentanoic acid	NA	5.33	3	11	2017
Well #7 perfluorooctanoic acid (PFOA) (ppt)	70	25.8	21	30	2017
perfluorooctane sulfonate (PFOS) (ppt)	70	2.8	ND	4	2017
perfluorobutanesulfonate	NA	1.4	ND	2	2017
perfluorodecanoic acid	NA	0.2	ND	2	2017
perfluorohexanesulfonate	NA	1.5	ND	2	2017
perfluorohexanoic acid	NA	2.97	ND	5.7	2017
perfluorononanoic acid	NA	0.069	ND	1	2017
perfluoropentanoic acid	NA	2.7	ND	4	2017
Well #8 perfluorooctanoic acid (PFOA) (ppt)	70	18.4	16	20	2017
perfluorooctane sulfonate (PFOS) (ppt)	70	1.3	ND	3	2017
perfluorobutanesulfonate	NA	0.9	ND	2	2017
perfluorohexanesulfonate	NA	0.9	ND	2	2017
perfluorohexanoic acid	NA	0.1	ND	3	2017
perfluorononanoic acid	NA	0.14	ND	0.6	2017
perfluoropentanoic acid	NA	1.9	ND	3	2017
Blend of wells 7&8 Iron/ Manganese Treatment Plant					
perfluorooctanoic acid (PFOA) (ppt)	70	21.17	18	26	2017
perfluorooctane sulfonate (PFOS) (ppt)	70	1.67	ND	3	2017
Perfluorobutanesulfonate	NA	1.41	ND	2	2017
perfluorodecanoic acid	NA	0.075	ND	0.9	2017
perfluorohexanesulfonate	NA	1.25	ND	2	2017

(PFAS Results continued)

perfluorohexanoic acid	NA	2.63	ND	4.5	2017
perfluorononanoic acid	NA	0.42	ND	0.7	2017
perfluoropentanoic acid	NA	2.42	ND	3	2017

MVD Turkey Hill Booster	11/16/2017	MVD Parker Tank	11/16/2017
perfluorobutanesulfonate	2	perfluorobutanesulfonate	2
perfluoroheptanoic acid	2	perfluorohexanesulfonate	1
perfluorohexanesulfonate	3	perfluorohexanoic acid	3
perfluorohexanoic acid	0.7	perfluorononanoic acid	0.6
perfluorooctanesulfonate (PFOS)	3	perfluorooctanesulfonate (PFOS)	3
perfluorooctanoic acid (PFOA)	23	perfluorooctanoic acid (PFOA)	21
perfluoropentanoic acid	3	perfluoropentanoic acid	3

To view more information on PFOA/PFOS along with testing results please visit our web site at www.mvdwater.org and click on the link provided.

As part of an on-going evaluation program the EPA has required us to monitor some additional contaminants/chemicals (UCMR). Information collected through the monitoring of these contaminants/chemicals will help to ensure that future decisions on drinking water standards are based on sound science.

Unregulated Contaminant Results

UCMR	Results Average	Results Low	Results High	Date	AL (Action Level), MCL, SMCL, MRL, AGQS	Typical Source
Chromium	0.27 ug/L	ND	0.40 ug/L	14/15	100 ppm	Found naturally in rocks, plants, soil, volcanic dust and animals.
Cobalt	0.38 ug/L	ND	1.6 ug/L	14/15	1 ug/L	A natural element found throughout the environment.
Molybdenum	0.42 ug/L	ND	3.5 ug/L	14/15	1 ug/L	Found naturally in rocks, plants, soil and animals.
Strontium	192.8 ug/L	72.7 ug/L	356 ug/L	14/15	0.3 ug/L	Naturally occurring element.
Vanadium	1.58 ug/L	0.14 ug/L	2.5 ug/L	14/15	0.2 ug/L	Naturally occurring element.
1,4 Dioxane	0.016 ug/L	ND	0.056 ug/L	14/15	0.07 ug/L	Used as a solvent or solvent stabilizer in manufacturing.
Chlorate	71.91 ug/L	ND	290 ug/L	14/15	20 ug/L	Agricultural defoliant or desiccant; disinfection byproduct; and used in production of chlorine dioxide.
Chromium, Hexavalent	0.15 ug/l	0.11 ug/L	0.27 ug/L	14/15	100 ppm	Found naturally in rocks, plants, soil, volcanic dust and animals.

Important Drinking Water Definitions

Term	Definition
AGQS	AGQS: Ambient Groundwater Quality Standard: An enforceable standard set by NHDES under Chapter 485 of the New Hampshire Safe Drinking water Act.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRL	Minimum reporting level.
NA	not applicable
ND	Not detected
NR	Monitoring not required but recommended.
NTU	Nephelometric Turbidity Units. Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system.
ppb	ppb: parts per billion, or micrograms per liter ($\mu\text{g/L}$)
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppt	ppt: parts per trillion
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
UCMR	UCMR: Unregulated Contaminant Monitoring Rule

If you have any questions regarding this report or if you would like additional information about the water system please contact MVD's Water Quality & Testing specialist, Jill Lavoie. Jill can be reached by phone at 603-424-9241 x: 103, email at jill.lavoie@mvdwater.org, or by visiting our office located at 2 Greens Pond Rd Merrimack NH, 03054. MVD's normal business hours are Monday - Friday, from 8:00 AM - 4:30 PM. Additionally, you may contact any of the offices listed below for information.

Name:	Contact Phone/Website
US EPA	www.epa.gov
US EPA Safe Drinking Water Hotline	800-426-4791
NH DES Drinking Water & Groundwater Bureau	603-271-2513
American Water Works Association	www.awwa.org
New England Water Works Association	www.newwa.org
NH Water Works Association	www.nhwwa.org

Watering Restrictions/Bans

The purpose of MVD's watering restrictions is to assist in managing the water distribution system. Watering restrictions allow water withdrawal from the aquifer in a controlled manner which helps protect against seasonal fluctuations and aids in maintaining sufficient supply. MVD continuously monitors the water distribution system, the weather conditions & forecasts to determine if additional watering restrictions or bans are necessary. MVD will update customers of any change to Watering Restriction statuses.

MVD has a year-round Odd/Even Scheduled Watering Restriction which limits the use of irrigation and sprinkler systems based on your street address and the calendar date.

What type of watering is restricted. . . ? Irrigation & Sprinkler Systems

The following *does not* apply to the Odd/Even Scheduled Restrictions: Hand-held hoses & watering cans for flower & vegetable gardens/car washing/pool filling and pressure washers. While these are permitted any time, we ask that customers use discretion and be conservative when it comes to water usage.

When can I water. . . ? Check Your Calendar

If the *last* digit of the property address ends in an *even* number (0, 2, 4, 6 or 8) you may water only on even-numbered calendar dates. For example, if the address is 1234 Main St., you would water on *EVEN* calendar days such as the 2nd, 4th, 6th, etc... Likewise, if the *last* digit of the property address ends in an *odd* number (1, 3, 5, 7 or 9) you may water only on odd-numbered calendar dates.

On the 31st of March, May, July August, and October ALL customers may water outside, but only from 5AM to 8AM.

As a reminder - All irrigation and sprinkler systems must be set to comply with the odd/even schedule. Additionally, they must also be adjusted/aligned appropriately to prevent unnecessary watering of areas such as driveways, roadways, parking lots, etc . . . customerservice@mvdwater.org

Merrimack Village District
2 Greens Pond Rd. Merrimack, NH 03054

p: 603-424-9241 e: customerservice@mvdwater.org w: www.mvdwater.org



GROUNDWATER BASICS



What is the source of your water?

100% of Merrimack water comes from groundwater. Groundwater is precipitation that has soaked through the ground's surface and is stored where there are open spaces between rocks and soil. This water is pumped from wells located in various parts of Merrimack and Hollis. Water from each well is treated on-site at each pumping station and distributed through a network of water mains to homes, business and schools.

What is groundwater?

Many people think of groundwater as underground lakes or rivers. Groundwater, however, is simply water that is stored beneath the earth's surface within the spaces between rocks and sand or between fractures in bedrock.

When enough water beneath the surface is present in a useable quantity, we call this an aquifer. Compared to the water in rivers and streams, groundwater moves very, very slowly.

For more information about groundwater, visit the [National Groundwater Foundation webpage: https://www.groundwater.org/](https://www.groundwater.org/)

Where does groundwater come from?

Groundwater, like all water on earth, comes from precipitation-rain and snow-which percolates through the soil until it reaches the zone of saturation. At this point, the water moves toward sites of groundwater discharge, such as lakes, local springs and oceans.

Groundwater Guardian Community Since 1999

Merrimack has been awarded official Groundwater Guardian status from the National Groundwater Foundation in Lincoln, Nebraska since 1999. This program recognizes communities who are dedicated and committed to local groundwater protection to ensure a safe water supply for the future of the community. Merrimack is the only town in New Hampshire awarded this status.

Where to go for more information?

Merrimack Village District • www.mvdwater.org • 603-424-9241

NH Department of Environmental Services • www.des.state.nh.us • 603-271-3503

US Environmental Protection Agency, Region 1 • www.epa.gov/region1 • 888-372-7341

EPA Safe Drinking Water Hotline • 800-426-2791

US Center for Disease Control (CDC) • www.cdc.gov • 800-311-3435

EASY STEPS TO PROTECT DRINKING WATER

Check out the information below and visit the “Water Protection” page on our website at www.mvdwater.org for additional info.

- **Reduce the amount of trash you create by taking advantage of recycling programs**
- **Recycle used antifreeze & motor oil**
- **Do NOT dump anything into storm drains**
- **Do NOT overuse household chemicals**
- **Check frequently for leaks in any underground fuel storage tanks**
- **Inspect your septic system for issues EVERY year**
- **Properly seal abandoned wells**
- **Limit the use of lawn fertilizers, be sure to use ONLY phosphorus-free lawn fertilizers and reduce or eliminate pesticide applications**
- **Keep pollutants away from boat marinas and waterways**
- **Report ANY spills or illegal dumping in designated Drinking Water Protection Areas**
- **Commercial Properties – Install a Backflow Protection Device**

MERRIMACK VILLAGE DISTRICT – FREQUENTLY ASKED QUESTIONS

Do you add fluoride to the water? Merrimack Village District Water Works (MVD) *does NOT* add fluoride to the water.

What is the odd/even water restriction? The odd/even restriction limits the days on which outside watering is allowed, based on whether your street address is an odd or even number and the date is an odd or even number. The purpose of MVD's odd/even watering restriction is to assist in managing the water distribution system. Watering restrictions allow water withdrawal from the aquifer in a controlled manner which helps protect against seasonal fluctuations and aids in maintaining sufficient supply. MVD continuously monitors the water distribution system, the weather conditions & forecasts to determine if additional watering restrictions or bans are necessary. MVD will update customers of any change to the status of the Watering Restrictions.

How do I connect my property to MVD water? Once water is established in the area of your property, please contact MVD for details and instructions regarding the required documentation and costs associated with connection. It will be the property owner's responsibility to continue service from the district line located at the edge of their property to the building. A meter horn will be furnished by MVD, but installation is the responsibility of the homeowner. MVD will install a water meter and a transmitter that will enable our technicians to read your water meter remotely.

Why is my water sometimes discolored? Discolored water is often caused by a disturbance in the water mains such as flushing of pipes in the distribution system, a water main break, or use of a fire hydrant. Iron and manganese minerals, which occur naturally in the water supply, are responsible for the brownish coloring of the water. The discolored water should clear within a few hours.

When do you send bills and what are the costs? MVD bills the property owner as listed on the current deed recorded with the Hillsborough County Registry of Deeds and reflected in the Town of Merrimack, NH Tax Records. Tenants may receive a copy of the bill; but water remains in the property owner's name. Bills are rendered quarterly. Payment is due by the due date listed on the bill. Bills are sent First Class mail via the USPS.

Domestic (Residential) water bills consist of the following:

- Meter Charge – Cost is determined by the meter size for the water service location. Water service locations with multiple units served by one meter are charged per unit (refer to MVD By-Laws: Section 9).
- Water Usage Charge – Cost for all water passing through the meter; whether used, wasted, or lost by leakage.
- Hydrant Charge – For structures, buildings, or units within a six hundred (600) foot radius of a hydrant. This charge applies regardless if the property is provided water service by MVD.

Mercantile & Industrial water bills consist of the following:

- Meter, Usage, & Hydrant charges (as listed above)
- Fire Sprinkler Charge – For structures, building, or units that are connected to fire sprinkler water service line. Cost determined by the size of water line.

Accepted Payment Types & Delivery Methods

Online: www.mvdwater.org & **By Phone:** 603-424-9241
(option 7)

MVD uses  for credit card and e-check processing.



We accept Visa, MasterCard, Discover, American Express and Electronic Check

(Please note, you will need the account number that you're making the payment for as well as MVD's four digit "Jurisdiction Code" which is "3903".)

Mail, In Office or Drop-off:

Checks – Personal, business, or certified bank checks

Money Orders – US Postal Service, Western Union, Wal-Mart, other major store brands.

Cash – In-person at MVD office only

Checks and money order payments can be made by mail. Send payment to: 2 Greens Pond Rd Merrimack, NH 03054.


Payments can also be dropped off at the same address; either walk-in or use the drop-box (available for use 24/7) located to the left of the front door.

All payments received, by either by mail or drop-off, prior to 1:00 pm are processed on the same business day. Payments after 1:00 pm may be processed the following business day. MVD does not have the ability to process credit cards or electronic payment at our office.

Other Payment Methods:

Your Bank's "Online Banking/Bill Payment" Method - Payments that are processed through your online banking/bill payment method are *not* received electronically by MVD. *Your bank will physically send a paper check to MVD via US Postal Service.* Due to this delivery procedure there can be a delay in receipt of your payment. If you choose to process payment through your bank's online banking/bill payment method we advise you to request the payment be received by MVD a minimum of 1 week prior to the due date. For example, if your bill is due on the 10th, we would recommend requesting your bank have the payment to MVD by the 3rd.

ADVISORY REGARDING Non MVD Affiliated 3rd-Party Bill Payment Services

Please be advised – Some 3rd party bill payment services are made to *APPEAR* they are affiliated with Merrimack Village District. "Doxo.com" and "ChargeSmart.com" are examples of third-party companies that allow payment of utility bills via their website and mobile applications. *These companies, and any other 3rd-party bill payment service companies, including online banking/bill pay services, are not affiliated with Merrimack Village District and therefore* payment is *NOT* received electronically (a paper check will be mailed to MVD via US Postal Service). *Due to this delivery procedure MVD cannot control when, or, possibly, if payment will be received – which may result in late payments/fees or potentially water service disconnection for non-payment.* MVD currently **ONLY** uses  for online and automated phone payment services.

**MERRIMACK VILLAGE DISTRICT
WATER WORKS**



FINANCIAL REPORTS

Auditor's Report

**MERRIMACK VILLAGE DISTRICT,
NEW HAMPSHIRE**

ANNUAL FINANCIAL REPORT

**AS OF AND FOR THE FISCAL YEAR ENDED
JUNE 30, 2018**

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
ANNUAL FINANCIAL REPORT
AS OF AND FOR THE FISCAL YEAR ENDED
JUNE 30, 2018

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PLODZIK & SANDERSON

Professional Association/Accountants & Auditors

193 North Main Street • Concord • New Hampshire • 03301-5063 • 603-225-6996 • FAX 603-224-1380

INDEPENDENT AUDITOR'S REPORT

To the Members of the Board of Commissioners
Merrimack Village District
Merrimack, New Hampshire

We have audited the accompanying financial statements of the business-type activities and enterprise fund of the Merrimack Village District as of and for the year ended June 30, 2018, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and enterprise fund of the Merrimack Village District, as of June 30, 2018, and the respective changes in financial position and cash flows thereof, for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Change in Accounting Principle

As discussed in Note 2 to the financial statements, in fiscal year 2018 the District adopted new accounting guidance, Governmental Accounting Standards Board (GASB) Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. Our opinions are not modified with respect to this matter.

***Merrimack Village District
Independent Auditor's Report***

Other Matters

Required Supplementary Information – Accounting principles generally accepted in the United States of America require that the following be presented to supplement the basic financial statements:

- Management's Discussion and Analysis
- Schedule of the District's Proportionate Share of Net Pension Liability
- Schedule of District Contributions – Pensions
- Schedule of the District's Proportionate Share of the Net Other Postemployment Benefits Liability
- Schedule of the District Contributions – Other Postemployment Benefits
- Schedule of Changes in the District's Total Other Postemployment Benefits Liability and Related Ratios
- Notes to the Required Supplementary Information

Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

March 14, 2019

*Plodzik & Sanderson
Professional Association*

MANAGEMENT'S DISCUSSION AND ANALYSIS

The Merrimack Village District (the District) offers readers this narrative overview and analysis of the financial activities of the District for the year ended **June 30, 2018**.

OVERVIEW OF THE FINANCIAL STATEMENTS

This discussion and analysis is intended to serve as an introduction to the financial statements presented herein. The financial statements are comprised of two components: (1) proprietary fund financial statements, and (2) notes to financial statements.

Proprietary fund financial statements: The District's operations are accounted for as a single proprietary fund using the accrual basis of accounting. In this regard, the District's operations are accounted for in a manner similar to a private business enterprise.

Notes to financial statements: The notes provide additional information that is essential to a full understanding of the data provided in the financial statements.

Other information: In addition to the financial statements and accompanying notes, this report also presents certain supplementary information required to be disclosed by Generally Accepted Accounting Principles (GAAP) as defined by the Government Accounting Standards Board (GASB) in the United States of America.

NET POSITION

As of the close of the current year, the total of assets and deferred outflows or resources, exceeded liabilities and deferred inflows of resources by \$20,169,318 (i.e., net position), a change of \$375,356 in comparison to the prior year. Net position may serve over time as a useful indicator of overall financial standing.

CAPITAL ASSETS AND DEBT ADMINISTRATION

The total investment in capital assets at year-end was \$18,628,798, a change of (\$273,358) from the prior year. This investment in capital assets includes buildings and improvements, land and improvements, machinery, equipment, vehicles, infrastructure assets (e.g. treatment systems, pumping wells, water mains) and intangible assets (i.e. easements).

The total debt outstanding at year-end was \$6,462,159, a change of (\$440,567), due to routine debt service retirements and note payments.

Additional information on capital assets and debt can be found in the Notes to Financial Statements.

FINANCIAL ANALYSIS

The following is a summary of financial data for the current and prior years:

NET POSITION

	2018	2017	Difference	Percent Change
Current assets	\$ 9,582,532	\$ 9,391,269	\$ 191,263	2.04%
Noncurrent assets	18,628,798	18,902,156	(273,358)	-1.45%
Total assets	28,211,330	28,293,425	(82,095)	-0.29%
Deferred outflows	231,520	341,885	(110,365)	-32.28%
Current liabilities	249,278	300,908	(51,630)	-17.16%
Noncurrent liabilities	7,954,356	8,508,407	(554,051)	-6.51%
Total liabilities	8,203,634	8,809,315	(605,681)	-6.88%
Deferred inflows	69,898	32,033	37,865	118.21%
Net position:				
Net investment in capital assets	12,516,257	12,392,298	123,959	1.00%
Restricted	367,661	157,304	210,357	133.73%
Unrestricted	7,285,400	7,244,360	41,040	0.57%
Total net position	\$ 20,169,318	\$ 19,793,962	\$ 375,356	1.90%

STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION

	2018	2017	Difference	Percent Change
Operating revenues:				
User charges	\$ 3,403,041	\$ 3,521,313	\$ (118,272)	-3.36%
Miscellaneous	106,809	52,993	53,816	101.55%
Total operating revenues	3,509,850	3,574,306	(64,456)	-1.80%
Operating expenses:				
Salaries and wages	1,433,506	1,302,690	130,816	10.04%
Operation and maintenance	867,786	829,272	38,514	4.64%
Depreciation and amortization	686,923	682,262	4,661	0.68%
Total operating expenses	2,988,215	2,814,224	173,991	6.18%
Operating gain	521,635	760,082	(238,447)	-31.37%
Nonoperating revenues (expenses):				
Interest revenue	37,977	19,653	18,324	93.24%
Interest expense	(184,256)	(224,246)	39,990	-17.83%
Total nonoperating revenues (expenses)	(146,279)	(204,593)	58,314	-28.50%
Extraordinary item	-	216,495	(216,495)	-100.00%
Prior period adjustment (see Note 12)	-	(207,367)	207,367	-100.00%
Change in net position	375,356	564,617	(189,261)	-33.52%
Net position at beginning of year	19,793,962	19,229,345	564,617	2.94%
Net position at end of year	\$ 20,169,318	\$ 19,793,962	\$ 375,356	1.90%

REQUESTS FOR INFORMATION

This financial report is designed to provide a general overview of the District's finances for all those with an interest in the District's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be directed to:

Merrimack Village District – 2 Greens Pond Road – Merrimack, NH 03054 / 603-424-9241

BASIC FINANCIAL STATEMENTS

EXHIBIT A
MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
Statement of Net Position
June 30, 2018

ASSETS	
Cash and cash equivalents	\$ 2,050,247
Investments	887,113
Accounts receivable	825,566
Intergovernmental	5,701,642
Inventory	104,962
Prepaid items	13,002
Capital assets, not being depreciated:	
Land	393,210
Construction in progress	398,788
Capital assets, net of accumulated depreciation:	
Land improvements	1,315,920
Buildings and building improvements	314,939
Machinery, equipment, and vehicles	1,012,755
Infrastructure	15,193,186
Total assets	<u>28,211,330</u>
DEFERRED OUTFLOWS OF RESOURCES	
Amounts related to pensions	228,911
Amounts related to OPEB	2,609
Total deferred outflows of resources	<u>231,520</u>
LIABILITIES	
Current liabilities:	
Accounts payable	176,520
Accrued salaries and benefits	22,317
Retainage payable	3,243
Accrued interest payable	47,198
Noncurrent liabilities:	
Due within one year:	
Bond	444,106
Unamortized bond premium	12,601
Due in more than one year:	
Bond	6,018,053
Unamortized bond premium	69,886
Compensated absences	141,437
Other postemployment benefits	147,471
Net pension liability	1,120,802
Total liabilities	<u>8,203,634</u>
DEFERRED INFLOWS OF RESOURCES	
Amounts related to pensions	69,638
Amounts related to OPEB	260
Total deferred inflows of resources	<u>69,898</u>
NET POSITION	
Net investment in capital assets	12,516,257
Restricted	367,661
Unrestricted	7,285,400
Total net position	<u>\$ 20,169,318</u>

EXHIBIT B
MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
Statement of Revenues, Expenses, and Changes in Net Position
For the Fiscal Year Ended June 30, 2018

Operating revenues:	
User charges	\$ 3,403,041
Miscellaneous	106,809
Total operating revenues	3,509,850
Operating expenses:	
Salaries and wages	1,433,506
Operation and maintenance	867,786
Depreciation and amortization	686,923
Total operating expenses	2,988,215
Operating gain	521,635
Nonoperating revenue:	
Interest revenue	37,977
Interest expense	(184,256)
Total nonoperating revenues	(146,279)
Change in net position	375,356
Net position, beginning, as restated (see Note 12)	19,793,962
Net position, ending	\$ 20,169,318

The notes to the basic financial statement are an integral part of this statement

EXHIBIT C
MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
Proprietary Fund
Statement of Cash Flows
For the Fiscal Year Ended June 30, 2018

Cash flows from operating activities:	
Receipts from customers and users	\$ 3,839,920
Payments to employees	(1,443,251)
Payments to suppliers	(885,629)
Net cash provided by operating activities	1,511,040
Cash flows used by capital and related financing activities:	
Principal paid on bonds	(440,566)
Acquisition and construction of fixed assets	(413,565)
Cash paid to capital reserves	(708,750)
Grant proceeds	6,426
Interest paid	(202,227)
Net cash used by capital and related financing activities	(1,758,682)
Cash flows from investing activities:	
Interest received	2,759
Net decrease in cash	(244,883)
Cash, beginning	2,295,130
Cash, ending	\$ 2,050,247

Reconciliation of Operating Gain to Net Cash Provided by Operating Activities

Operating gain	\$ 521,635
Adjustments to reconcile operating gain to net cash provided by operating activities:	
Depreciation expense	686,923
Decrease in other receivables	330,070
Increase in accounts payable	10,166
Decrease in miscellaneous accruals	(66,737)
Increase in accrued salaries and benefits	8,999
Increase in retainage payable	665
Increase in prepaid items	(12,702)
Increase in inventory	(15,972)
Increase in compensated absences	33,375
Increase in net pension liability and deferred outflows and inflows of resources related to pensions	9,852
Increase in other postemployment benefits and deferred outflows and inflows of resources related to OPEB	4,766
Total adjustments	989,405
Net cash provided by operating activities	\$ 1,511,040

The notes to the basic financial statement are an integral part of this statement

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE

NOTES TO THE BASIC FINANCIAL STATEMENTS

AS OF AND FOR THE FISCAL YEAR ENDED

JUNE 30, 2018

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MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE

NOTES TO THE BASIC FINANCIAL STATEMENTS

AS OF AND FOR THE FISCAL YEAR ENDED

JUNE 30, 2018

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The financial statements of the Merrimack Village District, New Hampshire (the District), have been prepared in conformity with U.S. Generally Accepted Accounting Principles (GAAP) for governmental units as prescribed by the Governmental Accounting Standards Board (GASB) and other authoritative sources.

In 2018 the District implemented GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, which changed the way other postemployment benefit (OPEB) liabilities and related expenses are recorded. See Note 2 for further information on this pronouncement.

The more significant of the District’s accounting policies are described below.

1-A Reporting Entity

The Merrimack Village District is a municipal corporation governed by an elected 5-member Board of Commissioners. In evaluating how to define the District for financial reporting purposes, management has considered all potential component units. The decision to include a potential component unit in the reporting entity is made by applying the criteria set forth by the GASB. The District has no component units to include in its reporting entity.

1-B Basis of Presentation

The District prepares its financial statements as a proprietary fund type (enterprise fund) on an accrual basis of accounting. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs (including depreciation) to provide certain goods and services to the general public to be financed or recovered primarily through user charges or where the governing body has deemed that periodic determination of net income is appropriate for purposes of monitoring capital maintenance, accountability, or other purposes.

1-C Measurement Focus

The proprietary fund financial statements are reported using the “economic resources” measurement focus and the accrual basis of accounting. Accordingly, all assets, deferred outflows of resources, liabilities (whether current or noncurrent), and deferred inflows of resources are included on the Statement of Net Position. The Statement of Revenues, Expenses, and Changes in Net Position presents increases (revenues) and decreases (expenses) in total net position. Under the accrual basis of accounting, revenues are recognized in the period in which they are earned while expenses are recognized in the period in which the liability is incurred, regardless of the timing of related cash flows.

Operating revenues in the proprietary funds are those revenues that are generated from the primary operations of the fund. All other revenues are reported as non-operating revenues. Operating expenses are those expenses that are essential to the primary operations of the fund. All other expenses are reported as non-operating expenses.

1-D Cash and Cash Equivalents

The District considers all highly liquid investments with an original maturity of three months or less to be cash equivalents. Deposits with financial institutions consist primarily of demand deposits and savings accounts.

The treasurer is required to deposit such moneys in solvent banks in state or the Public Deposit Investment Pool pursuant to New Hampshire RSA 383:22. Funds may be deposited in banks outside of the state if such banks pledge and deliver to a third party custodial bank or the Federal Reserve Bank, collateral security for such deposits, United States government or government agency obligations or obligations to the State of New Hampshire in value at least equal to the amount of the deposit in each case.

1-E Statement of Cash Flows

For purposes of the Statement of Cash Flows, the District considers all highly liquid investments with a maturity when purchased of three months or less to be cash equivalents.

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
NOTES TO THE BASIC FINANCIAL STATEMENTS
AS OF AND FOR THE FISCAL YEAR ENDED
JUNE 30, 2018

1-F Investments

State statutes place certain limitations on the nature of deposits and investments available as follows:

New Hampshire law authorizes the District to invest in the following type of obligations:

- Obligations of the United States government,
- The public deposit investment pool established pursuant to RSA 383:22,
- Savings bank deposits,
- Certificates of deposit and repurchase agreements of banks incorporated under the laws of the State of New Hampshire or in banks recognized by the State treasurer.

Any person who directly or indirectly receives any such funds or moneys for deposit or for investment in securities of any kind shall, prior to acceptance of such funds, make available at the time of such deposit or investment an option to have such funds secured by collateral having a value at least equal to the amount of such funds. Such collateral shall be segregated for the exclusive benefit of the District. Only securities defined by the bank commissioner as provided by rules adopted pursuant to RSA 386:57 shall be eligible to be pledged as collateral.

Fair Value Measurements of Investments – In accordance with GASB Statement No. 72, *Fair Value Measurement and Application*, except for investments measured using net asset value (NAV) as a practical expedient to estimate fair value, the District categorizes the fair value measurements of its investments within the fair value hierarchy established by US GAAP. The fair value hierarchy categorizes the inputs to valuation techniques used for fair value measurement into three levels as follows:

Level 1 – Inputs reflect quoted prices (unadjusted) in active markets for identical assets or liabilities that the District has the ability to access at the measurement date. Directly held marketable equity securities would be examples of Level 1 investments.

Level 2 – Inputs are other than quoted prices that are observable for the assets or liabilities, either directly or indirectly, including inputs in markets that are not considered to be active. Because they most often are priced on the basis of transactions involving similar but not identical securities or do not trade with sufficient frequency, certain directly held fixed income securities are categorized in Level 2. All of the District's holdings in New Hampshire Public Deposit Investment Pool (NHPDIP), U.S. government obligations, and corporate bonds would be examples of Level 2 investments.

Level 3 – Inputs are significant unobservable inputs.

The fair value hierarchy gives the highest priority to Level 1 inputs and the lowest priority to Level 3 inputs. In certain instances where the determination of the fair value measurement is based on inputs from different levels of the fair value hierarchy, is the level in the fair value hierarchy based on the lowest level of input that is significant to the fair value measurement. Investments are reported at fair value. If an investment is held directly by the District and an active market with quoted prices exists, such as for domestic equity securities, the market price of an identical security is used to report fair value and is classified in Level 1. Corporate fixed income securities and certain governmental securities utilize pricing that may involve estimation using similar securities or trade dates and are classified in Level 2. Fair values for shares in registered mutual funds and exchange-traded funds are based on published share prices and classified in Level 1.

In determining fair value, the District utilizes valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible.

Investments in Certain External Investment Pools – In accordance with GASB Statement No. 79, *Certain External Investment Pools and Pool Participants*, the District held investments with the New Hampshire Public Deposit Investment Pool (NHPDIP) are categorized as Level 2. The NHPDIP measures all of its investments at amortized cost. There are no redemption restrictions and shares may be redeemed by the District in accordance with the NHPDIP's Information Statement.

1-G Receivables

Receivables recorded in the financial statements represent amounts due to the District at June 30. They are aggregated into a single accounts receivable line. They consist primarily of user charges and trust funds held in the custody of the Town of Merrimack Trustees of Trust Funds.

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1-H Inventory

The inventories of the District are valued at cost using the first-in/first-out (FIFO) method. The inventories of the District's proprietary fund consist of water system materials and supplies. The cost is recorded as an expense when consumed rather than when purchased.

1-I Prepaid Items

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items.

1-J Capital Assets

Capital assets include property, plant, and equipment, infrastructure assets (e.g. roads, bridges, sidewalks, and similar items), and intangible assets (i.e. easements), which are defined by the District as assets with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of one year for water main improvements and operating equipment or \$50,000 or more for infrastructure. As the District constructs or acquires additional capital assets each year, they are capitalized and reported at historical cost. When the cost of the capital assets cannot be determined from available records, estimated historical cost is used. Donated capital assets received on or prior to June 15, 2015 are recorded at their estimated fair value at the date of donation. Donated capital assets received after June 15, 2015 are recorded at acquisition value.

The costs of normal maintenance and repairs are charged to operations as incurred. Improvements are capitalized and depreciated over the remaining useful lives of the related fixed assets, as applicable.

Capital assets of the District are depreciated using the straight-line method over the following estimated useful lives:

	<u>Years</u>
Capital Asset Classes:	
Land improvements	20 - 50
Buildings and building improvement	15 - 100
Machinery, equipment, and vehicles	5 - 50
Infrastructure	5 - 50

1-K Accounts Payable

Accounts payable represent the gross amount of expenditures or expenses incurred as a result of normal operations, but for which no actual payment has yet been issued to vendors/providers as of June 30, 2018.

1-L Deferred Outflows/Inflows of Resources

Deferred outflows of resources, a separate financial statement element, represents a consumption of net position or fund balance that applies to a future period(s) and thus will not be recognized as an outflow of resources (expenses) until then.

Deferred inflows of resources, a separate financial statement element, represents an acquisition of net position or fund balance that applies to a future period(s) and thus will not be recognized as an inflow of resources (revenue) until then.

1-M Long-term Obligations

Long-term debt and other long-term obligations are reported as liabilities in the Statement of Net Position. Bond premiums are deferred and amortized over the life of the bonds using the straight-line method. Bonds payable are reported net of the bond premium.

1-N Compensated Absences

Vacation - The District's policy allows certain employees to earn varying amounts of vacation based on the employee's length of employment. Upon separation from service, employees are paid in full for any accrued leave earned as set forth by personnel policy. The liability for such leave is reported as incurred in the proprietary fund financial statements.

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE

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Sick Leave - The District's policy allows certain employees to earn varying amounts of sick time as set forth by the District's personnel policy. A liability for those amounts is recorded in the proprietary fund financial statements.

1-O Claims and Judgments

Claims and judgments are recorded as liabilities if all the conditions of Governmental Accounting Standards Board pronouncements are met. Claims and judgments are recorded in the proprietary fund financial statements as an expense when the related liabilities are incurred.

1-P Postemployment Benefits Other Than Pensions (OPEB)

The District maintains two separate other postemployment benefit plans, as follows:

New Hampshire Retirement System Plan – For the purposes of measuring the total other postemployment benefit (OPEB) liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the New Hampshire Retirement System OPEB Plan (the plan) and additions to/deductions from the plan's fiduciary net position has been determined on the same basis as they are reported by the New Hampshire Retirement System. For this purpose, the plan recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value, except money market investments and participating interest earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

Single Employer Plan – For purposes of measuring the total OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information has been determined based on the District's actuarial report. For this purpose, benefit payments are recognized when due and payable in accordance with benefit terms.

1-Q Defined Benefit Pension Plan

GASB Statement No. 68, *Accounting and Financial Reporting for Pensions – an amendment of GASB Statement No. 27* and as amended by GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date* and GASB Statement No. 82 *Pension Issues – an amendment of GASB Statement No. 67, No. 68 and No.73* requires participating employers to recognize their proportionate share of collective net pension liability, deferred outflows of resources, deferred inflows of resources, and pension expense, and schedules have been prepared to provide employers with their calculated proportionate share of these amounts. The collective amounts have been allocated based on employer contributions during the respective fiscal years. Contributions from employers are recognized when legally due, based on statutory requirements.

The schedules prepared by New Hampshire Retirement System, and audited by the plan's independent auditors, require management to make a number of estimates and assumptions related to the reported amounts. Due to the inherent nature and uncertainty of these estimates, actual results could differ, and the differences may be material.

1-R Net Position

Equity is classified as net position and displayed in three components:

Net investment in capital assets – Consists of capital assets, net of accumulated depreciation, and reduced by the outstanding balances of any bonds or other borrowings that are attributable to the acquisition, construction, or improvement of those assets. If there are significant unspent related debt proceeds at year-end, the portion of the debt attributable to the unspent proceeds are not included in the calculation of net investment in capital assets.

Restricted net position – Results when constraints placed on net position use are either externally imposed by a third party (statutory, bond covenant, or granting agency) or are imposed by law through constitutional provisions or enabling legislation. The District typically uses restricted assets first, as appropriate opportunities arise, but reserves the right to selectively defer the use until a further project.

Unrestricted net position – Consists of net position not meeting the definition of the preceding categories. Unrestricted net position is often subject to constraints imposed by management which can be removed or modified.

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE

NOTES TO THE BASIC FINANCIAL STATEMENTS

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1-S Use of Estimates

The financial statements and related disclosures are prepared in conformity with accounting principles generally accepted in the United States. Management is required to make estimates and assumptions that affect the reported amounts of assets, deferred outflows of resources, liabilities, and deferred inflows of resources, the disclosure of contingent assets and liabilities at the date of the financial statements, and revenues and expenses during the period reported. These estimates include assessing the collectability of accounts receivable, and the useful lives of capital assets, among others. Estimates and assumptions are reviewed periodically and the effects of revisions are reflected in the financial statements in the period they are determined to be necessary. Actual results could differ from estimates.

NOTE 2 – ACCOUNTING CHANGE/RESTATEMENT

Governmental Accounting Standards Board Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions* (OPEB), was implemented during fiscal year 2018. The revised requirements establish new financial reporting requirements for state and local governments which provide their employees with OPEB benefits, including additional note disclosure and required supplementary information. In addition, GASB Statement No. 75 requires a state or local government employer to use the entry age normal actuarial cost method and requires deferred outflows of resources and deferred inflows of resources which arise from other types of events related to OPEB to be recognized. Beginning net position for governmental activities was restated to retroactively report the change in valuation of the beginning total OPEB liability, deferred inflows and outflows of resources, as follows:

	Local OPEB	State OPEB	Total OPEB
Change in total OPEB liability under current standards	\$ (122,595)	\$ (20,145)	\$ (142,740)
Change in deferred outflows of resources under current standards	-	2,384	2,384
Net OPEB liability (asset) July 1, 2017, as restated	<u>\$ (122,595)</u>	<u>\$ (17,761)</u>	<u>\$ (140,356)</u>

DETAILED NOTES ON ALL FUNDS

NOTE 3 – CASH AND CASH EQUIVALENTS

The District's deposits are entirely covered by federal depository insurance (FDIC) or by collateral held by the District's agent in the District's name. The FDIC currently insures the first \$250,000 of the District's deposits at each financial institution, per case custodian. Deposit balances over \$250,000 are insured by the collateral. As of year-end, the carrying amount of the District's deposits was \$2,050,247 and the bank balances totaled \$2,222,430. Petty cash totaled \$250.

NOTE 4 – INVESTMENTS

Note 1-F describes statutory requirements covering the investment of the District funds. The District holds investments that are measured at fair value on a recurring basis. Because investing is not a core part of the District's mission, the District determines that the disclosures related to these investments only need to be disaggregated by major type. The District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The District has the following recurring fair value measurements and maturities as of June 30, 2018:

	Valuation Measurement Method	Fair Value
Investments type:		
New Hampshire Public Deposit Investment I	Level 2	<u>\$ 887,113</u>

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Interest Rate Risk – This is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates. The District does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

Credit Risk - The District has no formal policy on managing credit risk; however, state law limits investments as explained in Note 1-F.

Custodial Credit Risk – This is the risk that in the event of the failure of the counterparty (e.g. broker/dealer) to honor a transaction, the District will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The District does not have custodial credit risk policies for investments.

Concentration of Credit Risk – The District places no limit on the amount it may invest in any one issuer.

NOTE 5 – ACCOUNTS RECEIVABLE

Receivables at June 30, 2018, consisted of accounts (billings for water and other user charges. Receivables are recorded on the District’s financial statements to the extent that the amounts are determined to be material and substantiated not only by supporting documentation, but also by a reasonable, systematic method of determining their existence, completeness, valuation, and collectability.

NOTE 6 – DUE FROM OTHER GOVERNMENTS

Amounts due from other governments at June 30, 2018, consisted of amounts held in the custody of the Trustees of Trust Funds for the Town of Merrimack.

Due from the Town of Merrimack Trustees of Trust Funds:

Capital Reserve Funds:

Acquisition of Land	\$ 1,506,132
Equipment and Facilities	3,651,980
System Development Charge	543,530
Total due from the Town of Merrimack Trustees of Trust Funds	<u>\$ 5,701,642</u>

NOTE 7 – CAPITAL ASSETS

Capital asset activity for the year ended June 30, 2018 is as follows:

	<u>Balance, beginning</u>	<u>Additions</u>	<u>Balance, ending</u>
At cost:			
Not being depreciated:			
Land	\$ 393,210	\$ -	\$ 393,210
Construction in progress	109,130	289,658	398,788
Total capital assets not being depreciated	<u>502,340</u>	<u>289,658</u>	<u>791,998</u>
Being depreciated:			
Land improvements	3,299,253	-	3,299,253
Buildings and building improvements	797,290	-	797,290
Machinery, equipment, and vehicles	2,363,017	80,600	2,443,617
Infrastructure	25,349,160	43,307	25,392,467
Total capital assets being depreciated	<u>31,808,720</u>	<u>123,907</u>	<u>31,932,627</u>
Total all capital assets	<u>32,311,060</u>	<u>413,565</u>	<u>32,724,625</u>

(Continued)

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE

NOTES TO THE BASIC FINANCIAL STATEMENTS

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Capital assets continued:

	<u>Balance, beginning</u>	<u>Additions</u>	<u>Balance, ending</u>
Less accumulated depreciation:			
Land improvements	(1,916,936)	(66,397)	(1,983,333)
Buildings and building improvements	(460,954)	(21,397)	(482,351)
Machinery, equipment, and vehicles	(1,333,284)	(97,578)	(1,430,862)
Infrastructure	(9,697,730)	(501,551)	(10,199,281)
Total accumulated depreciation	<u>(13,408,904)</u>	<u>(686,923)</u>	<u>(14,095,827)</u>
Net book value, capital assets being depreciated	<u>18,399,816</u>	<u>(563,016)</u>	<u>17,836,800</u>
Net book value, all capital assets	<u>\$ 18,902,156</u>	<u>\$ (273,358)</u>	<u>\$ 18,628,798</u>

NOTE 8 – LONG-TERM LIABILITIES

Changes in the District's long-term liabilities consisted of the following for the year ended June 30, 2018:

	<u>Balance July 1, 2017 (as restated)</u>	<u>Additions</u>	<u>Reductions</u>	<u>Balance June 30, 2018</u>	<u>Due Within One Year</u>
Bonds payable:					
General obligation bonds	\$ 6,902,726	\$ -	\$ (440,567)	\$ 6,462,159	\$ 444,106
Premium	96,009	-	(13,522)	82,487	12,601
Total bonds payable	<u>6,998,735</u>	<u>-</u>	<u>(454,089)</u>	<u>6,544,646</u>	<u>456,707</u>
Compensated absences	107,787	33,650	-	141,437	-
Pension related liability	1,259,145	-	(138,343)	1,120,802	-
Net other postemployment benefits	142,740	4,731	-	147,471	-
Total long-term liabilities	<u>\$ 8,508,407</u>	<u>\$ 38,381</u>	<u>\$ (592,432)</u>	<u>\$ 7,954,356</u>	<u>\$ 456,707</u>

Long-term bonds are comprised of the following:

	<u>Original Amount</u>	<u>Maturity Date</u>	<u>Interest Rate %</u>	<u>Outstanding at June 30, 2018</u>	<u>Current Portion</u>
General obligation bonds payable:					
2002 Series B issue	\$ 1,500,000	2023	3.0-5.0%	\$ 375,000	\$ 75,000
2010 Series B issue	\$ 835,000	2026	3.0-5.0%	425,000	55,000
2010 Series D issue	\$ 2,800,000	2031	3.0-5.0%	1,690,000	130,000
Drinking Water SRF	\$ 4,300,000	2036	1.96%	3,972,159	184,106
				<u>6,462,159</u>	<u>444,106</u>
Bond premium				82,487	12,601
Total				<u>\$ 6,544,646</u>	<u>\$ 456,707</u>

The annual requirements to amortize all general obligation bonds outstanding as of June 30, 2018, including interest payments, are as follows:

Fiscal Year Ending	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
June 30,			
2019	\$ 444,106	\$ 187,507	\$ 631,613
2020	447,714	175,671	623,385
2021	451,393	159,542	610,935
2022	455,145	143,340	598,485
2023	458,969	127,066	586,035
2024-2028	1,854,895	441,304	2,296,199
2029-2033	1,552,408	176,642	1,729,050
2034-2036	797,529	32,316	829,845
Totals	<u>\$ 6,462,159</u>	<u>\$ 1,443,388</u>	<u>\$ 7,905,547</u>

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All debt is general obligation debt of the District, which is backed by its full faith and credit, and will be repaid from water user fees.

Bond Authorized and Unissued – A bond authorized and unissued as of June 30, 2018 was as follows:

<u>Per District Meeting Vote of</u>	<u>Purpose</u>	<u>Unissued Amount</u>
March 27, 2018	Water boosting pumping station	<u>\$ 1,300,000</u>

NOTE 9 – DEFINED BENEFIT PENSION PLAN

Plan Description – The New Hampshire Retirement System (NHRS or the System) is a public employee retirement system that administers one cost-sharing multiple-employer defined benefit pension plan (Pension Plan), a component unit of the State of New Hampshire, as defined in Governmental Accounting Standards Board (GASB) Statement No. 67, *Financial Reporting for Pension Plans* – an amendment of GASB Statement No. 25. The Pension Plan was established in 1967 by RSA 100-A:2 and is qualified as a tax-exempt organization under Sections 401(a) and 501(a) of the Internal Revenue Code. The Pension Plan is a contributory, defined benefit plan providing service, disability, death and vested retirement benefits to members and their beneficiaries. Substantially all full-time state employees, public school teachers and administrators, permanent firefighters and permanent police officers with in the State are eligible and required to participate in the Pension Plan. The System issues a publicly available financial report that may be obtained by writing the New Hampshire Retirement System, 54 Regional Drive, Concord, NH 03301.

Benefits Provided – The Pension Plan is divided into two membership groups. State and local employees and teachers belong to Group I. Police and firefighters belong to Group II. All assets are held in a single trust and available to pay retirement benefits to all members.

Group I members at age 60 or 65 (for members who commence service after July 1, 2011) qualify for a normal service retirement allowance based on years of creditable service and average final salary for the highest of either three or five years, depending on when their service commenced. The yearly pension amount is 1/60 or 1.667% of average final compensation (AFC) multiplied by years of creditable service. At age 65, the yearly pension amount is recalculated at 1/66 or 1.515% of AFC multiplied by years of creditable service.

Group II members who are age 60, or members who are at least age 45 with at least 20 years of creditable service, can receive a retirement allowance at a rate of 2.5% of AFC for each year of creditable service, not to exceed 40 years. Members commencing service on or after July 1, 2011 or members who have nonvested status as of January 1, 2012 can receive a retirement allowance at age 52.5 with 25 years of service or age 60. The benefit shall be equal to 2% of AFC times creditable service up to 42.5 years. However, a member who commenced service on or after July 1, 2011 shall not receive a retirement allowance until attaining the age of 52.5, but may receive a reduced allowance after age 50 if the member has at least 25 years of creditable service where the allowance shall be reduced, for each month by which the member attains 52.5 years of age by ¼ of 1% or age 60.

Members of both groups may qualify for vested deferred allowances, disability allowances and death benefit allowances, subject to meeting various eligibility requirements. Benefits are based on AFC or earnable compensation and/or service.

Contributions – The System is financed by contributions from both the employees and the District. Member contribution rates are established and may be amended by the State legislature while employer contribution rates are set by the System trustees based on an actuarial valuation. All employees are required to contribute 7% of earnable compensation. For fiscal year 2018, the District contributed 11.08% for other employees. The contribution requirement for the fiscal year 2018 was \$96,375, which was paid in full.

Pension Liabilities, Pension Expense, Deferred Outflows of Resources, and Deferred Inflows of Resources Related to Pensions – At June 30, 2018 the District reported a liability of \$1,120,802 for its proportionate share of the net pension liability. The net pension liability was measured as of June 30, 2017, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The District's proportion of the net pension liability was based

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on a projection of the District's long-term share of contributions to the pension plan relative to the projected contributions of all participating towns and school districts, actuarially determined. At June 30, 2017, the District's proportion was 0.02278982% which was a decrease of 0.00088903% from its proportion measured as of June 30, 2016.

For the year ended June 30, 2018, the District recognized pension expense of \$112,016. At June 30, 2018 the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes in proportion	\$ 17,452	\$ 41,099
Changes in assumptions	112,543	-
Net difference between projected and actual investment earnings on pension plan investments	-	14,274
Differences between expected and actual experience	2,541	14,265
Contributions subsequent to the measurement date	96,375	-
Total	\$ 228,911	\$ 69,638

The \$96,375 reported as deferred outflows of resources related to pensions results from the District contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2018. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Fiscal Year Ending June 30,	
2018	\$ 13,756
2019	43,545
2020	31,617
2021	(26,020)
Thereafter	-
Totals	\$ 62,898

Actuarial Assumptions – The collective total pension liability was determined by a roll forward of the actuarial valuation as of June 30, 2016, using the following actuarial assumptions which, accordingly apply to 2017 measurements:

- Inflation: 2.5%
- Salary increases: 5.6% average, including inflation
- Investment rate of return: 7.25% net of pension plan investment expense, including inflation

Mortality rates were based on the RP-2014 employee generational mortality tables for males and females, adjusted for mortality improvements using Scale MP-2015, based on last experience study.

The actuarial assumptions used in the June 30, 2016 valuation were based on the results of the most recent actuarial experience study, which was for the period July 1, 2010 – June 30, 2015.

Long-term Rates of Return – The long-term expected rate of return on pension plan investment was selected from a best estimate range determined using the building block approach. Under this method, an expected future real return range is calculated separately for each asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rate of return net of investment expenses by the target asset allocation percentage and by adding expected inflation.

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Following is a table presenting target allocations and long-term rates of return for 2017:

Asset Class	Target Allocation	Weighted average long-term expected real rate of return <u>2017</u>
Large Cap Equities	22.50%	4.25%
Small/Mid Cap Equities	7.50%	4.50%
Total domestic equity	<u>30.00%</u>	
Int'l Equities (unhedged)	13.00%	4.50%
Emerging Int'l Equities	7.00%	6.25%
Total international equity	<u>20.00%</u>	
Core Bonds	5.00%	0.75%
Short Duration	2.00%	(0.25%)
Global Multi-Sector Fixed Income	11.00%	2.11%
Absolute Return Fixed Income	7.00%	1.26%
Total fixed income	<u>25.00%</u>	
Private equity	5.00%	6.25%
Private debt	5.00%	4.75%
Opportunistic	5.00%	2.84%
Total alternative investments	<u>15.00%</u>	
Real estate	10.00%	3.25%
Total	<u>100.00%</u>	

Discount Rate – The discount rate used to measure the collective total pension liability was 7.25%. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. For purposes of the projection, member contributions and employer service cost contributions are projected based on the expected payroll of current members only. Employer contributions are determined based on the Pension Plan’s actuarial funding policy as required by RSA 100-A:16. Based on those assumptions, the Pension Plan’s fiduciary net position was projected to be available to make all projected future benefit payments to current plan members. Therefore, the long-term expected rate of return on Pension Plan investment was applied to all periods of projected benefit payments to determine the collective total pension liability.

Sensitivity of the District’s Proportionate Share of the Net Pension Liability to Changes in the Discount Rate – The following table presents the District’s proportionate share of the net pension liability calculated using the discount rate of 7.25% as well as what the District’s proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower (6.25%) or 1-percentage point higher (8.25%) than the current rate:

Actuarial Valuation Date	1% Decrease 6.25%	Current Single Rate Assumption 7.25%	1% Increase 8.25%
June 30, 2017	\$ 1,476,000	\$ 1,120,802	\$ 829,239

Pension Plan Fiduciary Net Position – Detailed information about the pension plan’s fiduciary net position is available in the separately issued New Hampshire Retirement System Cost-Sharing Multiple Employer Defined Benefit Pension Plan financial report.

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NOTE 10 – POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS (OPEB)

10-A New Hampshire Retirement System (NHRS)

Plan Description – The New Hampshire Retirement System (NHRS or the System) administers a cost-sharing multiple-employer other postemployment benefit plan medical subsidy healthcare plan (OPEB Plan). For additional system information, please refer to the 2017 Comprehensive Annual Financial Report, which can be found on the system’s website at www.nhrs.org.

Benefits Provided – Benefit amounts and eligibility requirements for the OPEB Plan are set by state law (RSA 100-A:52, RSA 100-A:52-a and RSA 100-A:52-b), and members are designated in statute by type. The four membership types are Group II, Police Officers and Firefighters; Group I, Teachers; Group I, Political Subdivision Employees; and Group I, State Employees. The OPEB Plan provides a medical insurance subsidy to qualified retired members. The medical insurance subsidy is a payment made by NHRS to the former employer or its insurance administrator toward the cost of health insurance for a qualified retiree, his/her qualified spouse, and his/her certified dependent children with a disability who are living in the household and being cared for by the retiree. If the health insurance premium amount is less than the medical subsidy amount, then only the health insurance premium amount will be paid. If the health insurance premium amount exceeds the medical subsidy amount, then the retiree or other qualified person is responsible for paying any portion that the employer does not pay.

Group I benefits are based on creditable service, age and retirement date. Group II benefits are based on hire date, age and creditable service. The OPEB plan is closed to new entrants.

Maximum medical subsidy rates paid during fiscal years 2017 and 2016 were as follows:

For qualified retirees not eligible for Medicare, the amounts were \$375.56 for a single-person plan and \$751.12 for a two-person plan.

For those qualified retirees eligible for Medicare, the amounts were \$236.84 for a single-person plan and \$473.68 for a two-person plan.

Contributions – The OPEB Plan is funded by allocating to the 401(h) subtrust the lesser of: 25% of all employer contributions made in accordance with RSA 100-A:16 or the percentage of employer contributions determined by the actuary to be the minimum rate necessary to maintain the benefits provided under RSA 100-A:53-b, RSA 100-A:53-c, and RSA 100-A:53-d. For fiscal year 2017, the minimum rates determined by the actuary to maintain benefits were the lesser of the two options and were used to determine the employer contributions due to the 401(h) subtrust. The State Legislature has the authority to establish, amend and discontinue the contribution requirements of the OPEB Plan. Administrative costs are allocated to the OPEB Plan based on fund balances. For fiscal year 2018, the District contributed 0.30% for other employees. The contribution requirement for the fiscal year 2018 was \$2,609, which was paid in full.

OPEB Liabilities, OPEB Expense, Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB – At June 30, 2018, the District reported a liability of \$18,391 for its proportionate share of the net OPEB liability. The net OPEB liability was measured as of June 30, 2017, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of that date. The District’s proportion of the net OPEB liability was based on a projection of the District’s long-term share of contributions to the OPEB plan relative to the projected contributions of all participating towns and school districts, actuarially determined. At June 30, 2017, the District’s proportion was 0.00402227% which was a decrease of 0.00013908% from its proportion measured as of June 30, 2016.

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For the year ended June 30, 2018, the District recognized OPEB expense of \$890. At June 30, 2018, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes in proportion	\$ -	\$ 202
Net difference between projected and actual investment earnings on OPEB plan investments	-	58
Changes in assumptions	-	-
Differences between expected and actual experience	-	-
Contributions subsequent to the measurement date	2,609	-
Total	<u>\$ 2,609</u>	<u>\$ 260</u>

The \$2,609 reported as deferred outflows of resources related to OPEB results from the District contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability in the year ended June 30, 2019. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Fiscal Year Ending June 30,	
2018	\$ (217)
2019	(15)
2020	(15)
2021	(13)
Thereafter	-
Totals	<u>\$ (260)</u>

Actuarial Assumptions – The total OPEB liability in this report is based on an actuarial valuation performed as of June 30, 2016 and a measurement date of June 30, 2017. The total OPEB liability was determined using the following actuarial assumptions applied to all periods included in the measurement, unless otherwise specified:

Price inflation:	2.5 % per year
Wage inflation:	3.25 % per year
Salary increases:	5.6 % average, including inflation
Investment rate of return:	7.25 % net of OPEB plan investment expense, including inflation
Health care trend rate:	Not applicable, given that the benefits are fixed stipends

Mortality rates were based on the RP-2014 healthy annuitant and employee generational mortality tables for males and females with credibility adjustments, adjusted for fully generational mortality improvements using Scale MP-2015, based on last experience study.

The actuarial assumptions used in the June 30, 2016 valuation were based on the results of the most recent actuarial experience study, which was for the period July 1, 2010 – June 30, 2015.

Long-term Rates of Return – The long-term expected rate of return on OPEB plan investment was selected from a best estimate range determined using the building block approach. Under this method, an expected future real return range is calculated separately for each asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rate of return net of investment expenses by the target asset allocation percentage and by adding expected inflation.

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE

NOTES TO THE BASIC FINANCIAL STATEMENTS

AS OF AND FOR THE FISCAL YEAR ENDED

JUNE 30, 2018

Following is a table presenting target allocations and long-term rates of return for 2017:

Asset Class	Target Allocation	Weighted average long-term expected real rate of return 2017
Large Cap Equities	22.50%	4.25%
Small/Mid Cap Equities	7.50%	4.50%
Total domestic equity	<u>30.00%</u>	
Int'l Equities (unhedged)	13.00%	4.50%
Emerging Int'l Equities	7.00%	6.25%
Total international equity	<u>20.00%</u>	
Core Bonds	5.00%	0.75%
Short Duration	2.00%	(0.25%)
Global Multi-Sector Fixed Income	11.00%	2.11%
Absolute Return Fixed Income	7.00%	1.26%
Total fixed income	<u>25.00%</u>	
Private equity	5.00%	6.25%
Private debt	5.00%	4.75%
Opportunistic	5.00%	2.84%
Total alternative investments	<u>15.00%</u>	
Real estate	10.00%	3.25%
Total	<u><u>100.00%</u></u>	

Discount Rate – The discount rate used to measure the total OPEB liability as of June 30, 2017 was 7.25%. The projection of cash flows used to determine the discount rate assumed that employer contributions will be made under the current statute RSA 100-A:16 and that plan member contributions will be made under RSA 100-A:16. Based on those assumptions, the OPEB Plan’s fiduciary net position was projected to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on OPEB Plan investments was applied to all periods of projected benefit payments to determine the collective total OPEB liability.

Sensitivity of the District’s Proportionate Share of the OPEB Liability to Changes in the Discount Rate – The following table presents the District’s proportionate share of the OPEB liability calculated using the discount rate of 7.25% as well as what the District’s proportionate share of the OPEB liability would be if it were calculated using a discount rate that is 1-percentage point lower (6.25%) or 1-percentage point higher (8.25%) than the current rate:

Actuarial Valuation Date	1% Decrease 6.25%	Current Single Rate Assumption 7.25%	1% Increase 8.25%
June 30, 2017	\$ 20,015	\$ 18,391	\$ 16,984

OPEB Plan Fiduciary Net Position – Detailed information about the OPEB plan’s fiduciary net position is available in the separately issued New Hampshire Retirement System Cost-Sharing Multiple Employer Defined Benefit OPEB Plan financial report.

10-B Merrimack Village District Retiree Health Benefit Program

Plan Description – GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, requires governments to account for other postemployment benefits (OPEB) on an accrual basis, rather than on a pay-as-you-go basis. The effect is the recognition of an actuarially determined expense on the Statement of Activities when a future retiree earns their postemployment benefits, rather than when they use their postemployment benefit. The postemployment benefit liability is recognized on the Statement of Net Position over time.

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE

NOTES TO THE BASIC FINANCIAL STATEMENTS

AS OF AND FOR THE FISCAL YEAR ENDED

JUNE 30, 2018

Benefits Provided – The District provides postemployment healthcare benefits for certain eligible retirees. The District provides medical benefits to its eligible retirees. The benefits are provided through the New Hampshire Health Trust.

Employees Covered by Benefit Terms – At July 1, 2016, 13 active employees were covered by the benefit terms.

Total OPEB Liability – The District’s total OPEB liability of \$129,080 was measured as of July 1, 2017, and was determined by an actuarial valuation of that date.

Actuarial Assumptions and Other Inputs – The total OPEB liability of \$129,080 in the July 1, 2017 actuarial valuation was determined using the following actuarial assumptions and other inputs, applied to all periods included in the measurement, unless otherwise specified:

Discount Rate:	3.58%
Healthcare Cost Trend Rates:	
Current Year Trend	(6.60%)
Second Year Trend	9.50%
Decrement	0.50%
Ultimate Trend	5.00%
Year Ultimate Trend is Reached	2028
Salary Increases:	3.00%

The discount rate was based on the index provided by *Bond Buyer 20-Bond General Obligation Index* based on the 20-year AA municipal bond rate as of July 1, 2016.

Mortality rates were based on the RP-2000 Combined Health Participant Table Projected 10 years using Projection Scale AA.

Changes in the Total OPEB Liability

	<u>June 30, 2018</u>
Total OPEB liability beginning of year, as restated	\$ 122,595
Changes for the year:	
Service cost	6,967
Interest	4,375
Changes in benefit terms	-
Assumption changes and difference between actual and expected experience	(4,065)
Change in actuarial cost method	-
Benefit payments	(792)
Total OPEB liability end of year	<u>\$ 129,080</u>

Sensitivity of the District’s OPEB Liability to Changes in the Discount Rate – The July 1, 2017 actuarial valuation was prepared using a discount rate of 3.58%. If the discount rate were 1% higher than what was used the OPEB liability would decrease to \$114,992 or by 6.20%. If the discount rate were 1% lower than what was used the OPEB liability would increase to \$130,471 or by 6.42%.

	<u>Discount Rate</u>		
	<u>1% Decrease</u>	<u>Baseline 3.58%</u>	<u>1% Increase</u>
Total OPEB Liability	<u>\$ 130,471</u>	<u>\$ 122,595</u>	<u>\$ 114,992</u>

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE

NOTES TO THE BASIC FINANCIAL STATEMENTS

**AS OF AND FOR THE FISCAL YEAR ENDED
JUNE 30, 2018**

Sensitivity of the District's OPEB Liability to Changes in the Healthcare Cost Trend Rates – The July 1, 2017 actuarial valuation was prepared using an initial trend rate of (6.60%). If the trend rate were 1% higher than what was used the OPEB liability would increase to \$136,332 or by 11.21%. If the trend rate were 1% lower than what was used the OPEB liability would decrease to \$110,584 or by 9.80%.

	Healthcare Cost Trend Rates		
	1% Decrease	Baseline (6.60%)	1% Increase
Total OPEB Liability	\$ 110,584	\$ 122,595	\$ 136,332

OPEB Expense, Deferred Outflows of Resources, and Deferred Inflows of Resources Related to OPEB – For the year ended June 30, 2018, the District recognized OPEB expense of \$11,342. At June 30, 2018, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes in proportion	\$ -	\$ -
Net difference between projected and actual investment earnings on OPEB plan investments	-	-
Changes in assumptions	-	-
Differences between expected and actual experience	-	-
Contributions subsequent to the measurement date	-	-
Total	\$ -	\$ -

Amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Fiscal Year Ending June 30,	
2019	\$ -
2020	-
2021	-
2022	-
Thereafter	-
Totals	\$ -

NOTE 11 – BUSINESS-TYPE ACTIVITIES NET POSITION

Net position reported on the Statement of Net Position at June 30, 2018 include the following:

Net investment in capital assets:	
Net book value, all capital assets	\$ 18,628,798
Less:	
General obligation bonds payable	(6,037,159)
Unamortized bond premiums	(75,382)
Total net investment in capital assets	12,516,257
Restricted net position for unspent bond proceeds	367,661
Unrestricted	7,285,400
Total net position	\$ 20,169,318

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
NOTES TO THE BASIC FINANCIAL STATEMENTS
AS OF AND FOR THE FISCAL YEAR ENDED
JUNE 30, 2018

NOTE 12 – PRIOR PERIOD ADJUSTMENTS

Net position at July 1, 2017 was restated to give retroactive effect to the following prior period adjustments:

To record the cumulative restatement related to GASB No. 75 implementation, see Note 2-A	\$ (140,356)
To record various accruals not reported in prior year	(67,011)
Net position, as previously reported	20,001,329
Net position, as restated	<u><u>\$ 19,793,962</u></u>

NOTE 13 – RISK MANAGEMENT

The District is exposed to various risks of loss related to torts; theft of, damage to, or destruction of assets; errors or omissions; injuries to employees; or natural disasters. During fiscal year 2018, the District was a member of the New Hampshire Public Risk Management Exchange (Primex³) Workers' Compensation and Property/Liability Programs.

The New Hampshire Public Risk Management Exchange (Primex³) Workers' Compensation and Property/Liability Programs are pooled risk management programs under RSAs 5-B and 281-A. Coverage was provided from July 1, 2017 to June 30, 2018 by Primex³, which retained \$1,000,000 of each workers' compensation loss, \$500,000 of each liability loss, and \$200,000 of each property loss. The Board has decided to self-insure the aggregate exposure and has allocated funds based on actuarial analysis for that purpose. The workers' compensation section of the self-insurance membership agreement permits Primex³ to make additional assessments to members should there be a deficiency in contributions for any member year, not to exceed the member's annual contribution. GASB Statement No. 10 requires members of a pool with a sharing risk to disclose if such an assessment is probable, and a reasonable estimate of the amount, if any. At this time, Primex³ foresees no likelihood of any additional assessment for this or any prior year.

The District continues to carry commercial insurance for all other risks of loss. Settled claims resulting from these risks have not exceeded commercial insurance coverage in any of the past three fiscal years.

NOTE 14 – CONTINGENT LIABILITIES

Litigation - There are various legal claims and suits pending against the District which arose in the normal course of the government's activities. In the opinion of management, the ultimate disposition of these various claims and suits will not have a material effect on the financial position of the District.

The District participates in various federal grant programs, the principal of which are subject to program compliance audits pursuant to the Single Audit Act as amended. Accordingly, the government's compliance with applicable grant requirements will be established at a future date. The amount of expenditures which may be disallowed by the granting agencies cannot be determined at this time, although the government anticipates such amounts, if any, will be immaterial.

Environmental Remediation - Low concentrations of certain perfluorinated chemicals (PFC's) have been detected in the Merrimack Village District water system. The Merrimack Village District is served by groundwater pumped from six wells in sand and gravel deposits. The source of these PFC's is most likely airborne contamination originating from an industry in the northeast portion of the Town of Merrimack. The contaminants were then carried by precipitation or runoff into the aquifers. The primary contaminant is perfluorooctanoic acid or PFOA.

New Hampshire Department of Environmental Services (NHDES) has an ongoing investigating into presence of perfluorochemicals (PFCs) in drinking water in the Towns of Merrimack and Litchfield, New Hampshire. The investigation was initiated in 2016, when Saint-Gobain Performance Plastics (SGPP) notified NHDES that perfluorooctanoic acid (PFOA) was detected at low levels [0.03 micrograms per liter (µg/L) or 30 parts per trillion] in samples taken from four water faucets within their Merrimack facility, which is served by the Merrimack Village District.

To provide Americans, including the most sensitive populations, with a margin of protection from a lifetime of exposure to PFOA and PFOS from drinking water, EPA has established the health advisory levels at 70 parts per trillion (ppt). After a review and comment period, NHDES has set an Ambient Groundwater Quality Standard for PFOA and PFOS at 70 ppt combined making it enforceable not just advisory.

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE

NOTES TO THE BASIC FINANCIAL STATEMENTS

AS OF AND FOR THE FISCAL YEAR ENDED

JUNE 30, 2018

Merrimack Village District signed a settlement agreement with SGPP on May 1, 2018 for \$4,323,000 to cover design, construction and operation expenses through the first five years online for the water treatment plant at Well Numbers 4 and 5 and expenses incurred to the date of the settlement. See breakdown of settlement agreement payouts from SGPP:

Wells #4 & #5 Treatment Plant - Design and Construction	\$ 3,350,000
Wells #4 & #5 Treatment Plant - Year 1 Operating Costs	106,900
Wells #4 & #5 Treatment Plant - Year 2 Operating Costs	106,900
Wells #4 & #5 Treatment Plant - Year 3 Operating Costs	106,900
Wells #4 & #5 Treatment Plant - Year 4 Operating Costs	106,900
Wells #4 & #5 Treatment Plant - Year 5 Operating Costs	106,900
Reimburse Costs Related to PFOA Investigation 3/2016-08/2017	438,501
	<u>\$ 4,323,001</u>

NOTE 15 – SUBSEQUENT EVENTS

Subsequent events are events or transactions that occur after the balance sheet date, but before the financial statements are issued. Recognized subsequent events are events or transactions that provided additional evidence about conditions that existed at the balance sheet date, including the estimates inherent in the process of preparing the financial statements. Nonrecognized subsequent events are events that provide evidence about conditions that did not exist at the balance sheet date, but arose after the date. Management has evaluated subsequent events through March 14, 2019, the date the June 30, 2018 financial statements were available to be issued, and the following to require recognition or disclosure:

- Rate study completed indicated overall increase of at least 28% within the next two fiscal years to meet expected budget, debt and capital improvement plan needs.
- March 2019 Annual Meeting Warrant Articles 2 & 3 for treatment plants for Well Numbers 7 & 8 at a cost of \$3,600,000 and Well Numbers 2 & 3 at a cost of \$10,900,000 respectively, these articles authorize the Board of Commissioners to issue and negotiate such bonds or notes as shall be in the best interests of the Village District.

REQUIRED SUPPLEMENTARY INFORMATION

EXHIBIT D
MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
Schedule of the District's Proportionate Share of Net Pension Liability
New Hampshire Retirement System Cost Sharing Multiple Employer Defined Benefit Plan
For the Fiscal Year Ended June 30, 2018

	June 30,				
	2014	2015	2016	2017	2018
District's proportion of the net pension liability	0.02%	0.02%	0.02%	0.02%	0.02%
District's proportionate share of the net pension liability	\$ 1,014,923	\$ 854,919	\$ 935,021	\$ 1,259,145	\$ 1,120,802
District's covered payroll	\$ 691,486	\$ 707,766	\$ 758,465	\$ 777,827	\$ 715,450
District's proportionate share of the net pension liability as a percentage of its covered payroll	146.77%	120.79%	123.28%	161.88%	156.66%
Plan fiduciary net position as a percentage of the total pension liability	59.81%	66.32%	65.47%	58.30%	62.66%

The Note to the Required Supplementary Information - Pension Liability is an integral part of this schedule.

EXHIBIT E
MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
Schedule of District Contributions - Pensions
New Hampshire Retirement System Cost Sharing Multiple Employer Defined Benefit Plan
For the Fiscal Year Ended June 30, 2018

	June 30,				
	2014	2015	2016	2017	2018
Contractually required contribution	\$ 58,638	\$ 73,891	\$ 79,184	\$ 84,789	\$ 83,489
Contributions in relation to the contractually required contributions	58,638	73,891	79,184	84,789	83,489
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -
District's covered payroll	\$ 691,486	\$ 707,766	\$ 758,465	\$ 777,827	\$ 715,450
Contributions as a percentage of covered payroll	8.48%	10.44%	10.44%	10.90%	11.67%

The Note to the Required Supplementary Information - Pension Liability is an integral part of this schedule.

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE

**NOTE TO THE REQUIRED SUPPLEMENTARY INFORMATION –
PENSION LIABILITY**

**FOR THE FISCAL YEAR ENDED
JUNE 30, 2018**

***Schedule of the District's Proportionate Share of Net Pension Liability and
Schedule of District Contributions - Pensions***

As required by GASB Statement No. 68, and as amended by GASB Statement No. 71, Exhibits D and E represent the actuarial determined costs associated with the District's pension plan at June 30, 2018. These schedules are presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, information is presented for those years for which information is available.

Methods and Assumptions Used to Determine Contribution Rates for Fiscal Year 2017:

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Percentage-of-Payroll, Closed
Remaining Amortization Period	22 years beginning July 1, 2017 (30 years beginning July 1, 2009)
Asset Valuation Method	5-year smooth market for funding purposes
Price Inflation	2.5% per year
Wage Inflation	3.25% per year
Salary Increases	5.6% Average, including inflation
Municipal Bond Rate	3.56% per year
Investment Rate of Return	7.25% per year
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2015 valuation pursuant to an experience study of the period 2010-2015.
Mortality	RP-2014 Employee generational mortality table for males and females, adjusted for mortality improvements using Scale MP -2015, based in the last experience study.

Other Information:

Notes Contribution rates for Fiscal Year 2017 were determined based on the benefit changes adopted under House Bill No. 2 as amended by 011-2513-CofC.

EXHIBIT F
MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
Schedule of the District's Proportionate Share of the Net Other Postemployment Benefit Plan Liability
New Hampshire Retirement System Cost Sharing Multiple Employer Defined Benefit Plan
For the Fiscal Year Ended June 30, 2018

	June 30,	
	2017	2018
District's proportion of the net OPEB liability	0.004%	0.004%
District's proportionate share of the net OPEB liability (asset)	\$ 20,145	\$ 18,391
District's covered payroll	\$ 777,827	\$ 715,450
District's proportionate share of the net OPEB liability (asset) as a percentage of its covered payroll	2.59%	2.57%
Plan fiduciary net position as a percentage of the total OPEB liability	5.21%	7.91%

The Notes to the Required Supplementary Information - Other Postemployment Benefit Liability is an integral part of this schedule.

EXHIBIT G
MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
Schedule of District Contributions - Other Postemployment Benefits
New Hampshire Retirement System Cost Sharing Multiple Employer Defined Benefit Plan
For the Fiscal Year Ended June 30, 2018

	June 30,	
	2017	2018
Contractually required contribution	\$ 2,418	\$ 2,384
Contributions in relation to the contractually required contribution	2,418	2,384
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>
District's covered payroll	<u>\$ 777,827</u>	<u>\$ 715,450</u>
Contributions as a percentage of covered payroll	0.31%	0.33%

The Notes to the Required Supplementary Information - Other Postemployment Benefit Liability is an integral part of this schedule.

EXHIBIT H
MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
Schedule of Changes in the District's Total Other Postemployment Benefits Liability and Related Ratios
For the Fiscal Year Ended June 30, 2018

	June 30,	
	2017	2018
OPEB liability, beginning of year	\$ -	\$ 122,595
Changes for the year:		
Service cost	-	6,967
Interest	-	4,375
Changes to benefit terms	-	-
Assumption changes and differences between actual and expected experience	-	(4,065)
Change in actuarial cost method	-	-
Benefit payments	-	(792)
OPEB liability, end of year	<u>\$ 122,595</u>	<u>\$ 129,080</u>
Covered payroll	<u>\$ 847,510</u>	<u>\$ 872,935</u>
 Total OPEB liability as a percentage of covered payroll	 14.47%	 14.79%

The Notes to the Required Supplementary Information - Other Postemployment Benefit Liability is an integral part of this schedule.

MERRIMACK VILLAGE DISTRICT, NEW HAMPSHIRE
NOTES TO THE REQUIRED SUPPLEMENTARY INFORMATION –
OTHER POSTEMPLOYMENT BENEFITS
FOR THE YEAR ENDED
JUNE 30, 2018

Schedule of the District's Proportionate Share of Net Other Postemployment Benefits Liability and Schedule of District Contributions – Other Postemployment Benefits

As required by GASB Statement No. 75, Exhibits F and G represent the actuarial determined costs associated with the District's other postemployment benefits at June 30, 2018. These schedules are presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, information is presented for those years for which information is available.

There were no changes to benefit terms or assumptions in the current actuarial valuation report.

Methods and Assumptions:

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Percentage-of-Payroll, Closed
Remaining Amortization Period	Not applicable under statutory funding
Asset Valuation Method	5-year smooth market: 20% corridor
Price Inflation	2.5% per year
Wage Inflation	3.25% per year
Salary Increases	5.6% Average, including inflation
Municipal Bond Rate	3.56% per year
Investment Rate of Return	7.25% per year, net of OPEB plan investment expense, including inflation for determining solvency contributions
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2015 valuation pursuant to an experience study of the period 2010-2015.
Mortality	RP-2014 Healthy Annuitant and Employee generational mortality tables for males and females with credibility adjustments, adjusted for fully generational mortality improvements using Scale MP-2015, based on the last experience study.

Schedule of Changes in District's Total Other Postemployment Benefits Liability and Related Ratios

As required by GASB Statement No. 75, Exhibit H represents the actuarial determined costs associated with the District's other postemployment benefits at June 30, 2018. The schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, information is presented for those years for which information is available.

End Auditor's Report

**MERRIMACK VILLAGE DISTRICT
LONG-TERM DEBT SCHEDULE
JUNE 30, 2018**

		2002 Bean Road Main Line Bonds \$1,500,000 4.45% / 20 Yr Term	2011 New Well Development Bond \$835,000 3.61% / 15 Yr Term	2011 Continental Blvd Main Line Bond \$2,800,000 3.8248% / 20 Yr Term	2016 Well 7&8 Treatment Facility DWSRF Loan \$4,300,000 1.96% / 20 Yr Term	TOTAL
Year End June 30	P / I					
2019	P	75,000.00	55,000.00	130,000.00	184,105.55	444,105.55
	I	13,953.00	16,400.00	79,300.00	77,854.32	187,507.32
2020	P	75,000.00	55,000.00	130,000.00	187,714.02	447,714.02
	I	13,125.00	14,200.00	74,100.00	74,245.85	175,670.85
2021	P	75,000.00	55,000.00	130,000.00	191,393.22	451,393.22
	I	9,375.00	12,000.00	67,600.00	70,566.65	159,541.65
2022	P	75,000.00	55,000.00	130,000.00	195,144.52	455,144.52
	I	5,625.00	9,800.00	61,100.00	66,815.35	143,340.35
2023	P	75,000.00	55,000.00	130,000.00	198,969.36	458,969.36
	I	1,875.00	7,600.00	54,600.00	62,990.51	127,065.51
2024	P		50,000.00	130,000.00	202,869.16	382,869.16
	I		5,500.00	48,100.00	59,090.71	112,690.71
2025	P		50,000.00	130,000.00	206,845.39	386,845.39
	I		3,500.00	41,600.00	55,114.48	100,214.48
2026	P		50,000.00	130,000.00	210,899.56	390,899.56
	I		1,250.00	35,100.00	51,060.31	87,410.31
2027	P			130,000.00	215,033.19	345,033.19
	I			28,762.50	46,926.68	75,689.18
2028	P			130,000.00	219,247.84	349,247.84
	I			22,587.50	42,712.03	65,299.53
2029	P			130,000.00	223,545.10	353,545.10
	I			16,250.00	38,414.77	54,664.77
2030	P			130,000.00	227,926.59	357,926.59
	I			9,750.00	34,033.28	43,783.28
2031	P			130,000.00	232,393.95	362,393.95
	I			3,250.00	29,565.92	32,815.92
2032	P				236,948.87	236,948.87
	I				25,011.00	25,011.00
2033	P				241,593.07	241,593.07
	I				20,366.80	20,366.80
2034	P				246,328.29	246,328.29
	I				15,631.58	15,631.58
2035	P				251,156.32	251,156.32
	I				10,803.55	10,803.55
2036	P				300,045.00	300,045.00
	I				5,880.88	5,880.88
Principal	P	375,000.00	425,000.00	1,690,000.00	3,972,159.00	6,462,159.00
Interest	I	43,953.00	70,250.00	542,100.00	787,084.67	1,443,387.67

TOTAL PRINCIPAL & INTEREST 7,905,546.67

* The bond interest rates listed are the true interest costs over the term of the bonds. The rates are variable from 3% to 5% over the term of the bonds.

MERRIMACK VILLAGE DISTRICT SCHEDULE of RATES

MVD's rates and fees are based upon the type of service for each location. Below are the types and explanation of the charges.

Domestic (Residential) water bills consist of the following:

Meter Charge – Cost is determined by the meter size for the water service location. Water service locations with multiple units served by on meter are charged per unit (refer to MVD By-Laws: Section 9).

Water Usage Charge – Cost for all water passing through the meter; whether used, wasted, or lost by leakage.

Hydrant Charge – For structures, buildings, or units within a six hundred (600) foot radius of a hydrant. This charge applies regardless if the property is provided water service by MVD.

Mercantile & Industrial water bills consist of the following:

Meter, Usage, & Hydrant Charges as listed above

Fire Sprinkler Charge – For structures, buildings, or units that are connected to a fire sprinkler water service line. Cost determined by the size of water line.

Annual Meter Charges	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
5/8"	\$46.00	\$50.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00	\$54.00
1"	\$82.00	\$89.00	\$96.00	\$96.00	\$96.00	\$96.00	\$96.00	\$96.00	\$96.00	\$96.00
1-1/2"	\$127.00	\$137.00	\$148.00	\$148.00	\$148.00	\$148.00	\$148.00	\$148.00	\$148.00	\$148.00
2"	\$188.00	\$203.00	\$219.00	\$219.00	\$219.00	\$219.00	\$219.00	\$219.00	\$219.00	\$219.00
3"	\$284.00	\$307.00	\$332.00	\$332.00	\$332.00	\$332.00	\$332.00	\$332.00	\$332.00	\$332.00
4"	\$441.00	\$476.00	\$514.00	\$514.00	\$514.00	\$514.00	\$514.00	\$514.00	\$514.00	\$514.00
6"	\$824.00	\$902.00	\$961.00	\$961.00	\$961.00	\$961.00	\$961.00	\$961.00	\$961.00	\$961.00
8"	\$1,280.00	\$1,382.00	\$1,493.00	\$1,493.00	\$1,493.00	\$1,493.00	\$1,493.00	\$1,493.00	\$1,493.00	\$1,493.00
10"	\$1,805.00	\$1,949.00	\$2,105.00	\$2,105.00	\$2,105.00	\$2,105.00	\$2,105.00	\$2,105.00	\$2,105.00	\$2,105.00
12"	\$3,211.00	\$3,468.00	\$3,745.00	\$3,745.00	\$3,745.00	\$3,745.00	\$3,745.00	\$3,745.00	\$3,745.00	\$3,745.00

Annual Fire Sprinkler Charges	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
2"	\$161.00	\$174.00	\$188.00	\$188.00	\$188.00	\$188.00	\$188.00	\$188.00	\$188.00	\$188.00
4"	\$322.00	\$348.00	\$376.00	\$376.00	\$376.00	\$376.00	\$376.00	\$376.00	\$376.00	\$376.00
6"	\$724.00	\$782.00	\$845.00	\$845.00	\$845.00	\$845.00	\$845.00	\$845.00	\$845.00	\$845.00
8"	\$1,288.00	\$1,391.00	\$1,502.00	\$1,502.00	\$1,502.00	\$1,502.00	\$1,502.00	\$1,502.00	\$1,502.00	\$1,502.00
10"	\$2,232.00	\$2,411.00	\$2,604.00	\$2,604.00	\$2,604.00	\$2,604.00	\$2,604.00	\$2,604.00	\$2,604.00	\$2,604.00
12"	\$2,898.00	\$3,130.00	\$3,380.00	\$3,380.00	\$3,380.00	\$3,380.00	\$3,380.00	\$3,380.00	\$3,380.00	\$3,380.00

Annual Hydrant Charges	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Domestic	\$56.00	\$60.00	\$65.00	\$65.00	\$65.00	\$65.00	\$65.00	\$65.00	\$65.00	\$65.00
Mercantile	\$112.00	\$121.00	\$131.00	\$131.00	\$131.00	\$131.00	\$131.00	\$131.00	\$131.00	\$131.00
Industrial	\$280.00	\$302.00	\$326.00	\$326.00	\$326.00	\$326.00	\$326.00	\$326.00	\$326.00	\$326.00

Water Charges - Cost per 100 Cubic Feet*	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Domestic, Mercantile, Industrial	\$1.65	\$1.80	\$1.95	\$1.95	\$1.95	\$1.95	\$1.95	\$1.95	\$1.95	\$1.95**

*100 Cubic Feet = 748 gallons

**Cost is equal to 0.0026¢ per gallon.

Water System Improvements
Merrimack Village District
Capital Improvements Plan FY 2020
2/22/2019

Projects	Notes/Reference	Source	Total	Ongoing	10-Year CIP										Planning Board TBD	
				Previous	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029		
Land purchase for potential well site		CR	\$400,000	\$400,000												
Potential new well site development		CR	\$400,000	\$400,000												
New Well Site Installation	Master Plan	Bond	\$1,500,000			\$1,500,000										
New Well Treatment	Master Plan	Bud/Bond	\$10,000			\$10,000	TBD									
Well #3 Treatment	Master Plan	Bud/Bond	\$4,525,000			\$25,000			\$4,500,000							
**Well #4/#5 Treatment Plant	PFAS	CR/Other	\$4,160,000	\$4,160,000												
Wells 2&3, 7&8 PFAS Treatment	By Petition							\$14,500,000								
Well 5 Pumps/controls (200,000 on hold)	Asset Management	CR/Other														
Lime Station Improvements - Well #2	Master Plan, Study Phase, then implementation	Bud/Bond	\$20,000	\$20,000		TBD										
Well House Evaluation (#2, #3, #7)	Lime Study	Bud		\$20,000												
Master Plan Update		Bud						\$50,000								
Water model update		Bud						\$20,000								
Well #7 short term and long term improvements	Lime Study	Bud		\$190,000		TBD										
Well level monitoring, SCADA/GIS/IT improvements	Master Plan, Study Phase, then implementation	Bud/CR	\$610,000			\$10,000	\$300,000	\$300,000								
Storage Tank Improvements	Master Plan and pending report	CR/Bud	\$350,000	\$350,000												
Turkey Hill	mixer, hatch, dome repair/cleaning	Budget			\$66,000	TBD										
Hutchinson	Tank coating/cleaning									TBD						
Parker Dr.	blast and recoat							TBD								
Wire Road Extention	extention of SG main install	CR		\$266,465												
Turkey Hill Booster Station	Master Plan	Bud/Bond	\$1,310,000	\$1,310,000												
Rte. 3 North Improvements	Eliminate Parallel Mains and Main Improve.	Private				TBD										
Belmont Booster Station Pumps/controls	Asset Management	CR/Bud	\$50,000			\$50,000										
Rate Update	Recommended every 2-3 years	Budget	\$75,000	\$15,000			\$15,000		\$15,000		\$15,000		\$15,000		\$15,000	
Loops, dead-ends, and system extensions	Distribution System Improvements - AM	CR														
Equipment	Master Plan															
Backhoe/Loader	Replacement of 1995 JCB W-30	CR	\$135,000	\$135,000												
Portable Pressure Pump/High Service	Booster Pumping Station Evaluation	CR	\$70,000	\$70,000												
Town Coordination Projects	Master Plan															
Executive Park Drive, Wire Road, Bedford Road Bridge, Route 3 Bridge	Town Project	CR				TBD										
Other	Various Pavement Projects	CR				TBD										
Distribution System Improvements (Annual Funding to support CIP/AM)	Asset Management - <u>target CR Contribution</u>	Budget	\$4,500,000		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Well, Tank and Pumping Facilities	Asset Management - <u>target CR Contribution</u>	Budget	\$1,260,000		\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000
TOTAL			\$34,487,465	\$7,336,465	\$706,000	\$2,235,000	\$15,455,000	\$5,510,000	\$655,000	\$640,000	\$655,000	\$640,000	\$655,000	\$640,000		

Projects	Notes/Reference			10-Year CIP												
				FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029		
Bond/SRF				\$1,300,000		\$1,500,000		\$4,500,000								
Capital Reserves				\$205,000	\$266,465	\$350,000	\$300,000									
Budget - Operating				\$210,000	66,000	\$45,000										
Budget - Capital Reserve Contributions	Target for Asset Management			\$840,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000
Grants																
Private				\$4,100,000												
TOTAL				\$6,655,000	\$972,465	\$2,535,000	\$940,000	\$5,140,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000	\$640,000

<p>Completed Projects</p> <p>Well #7 and #8 - Iron and Manganese Facility Sunset Drive, Dawn Ave. and High Noon waterline extension McGaw Bridge new 8" water main (by Town) Bean Road Bridge - water main relocation and directional drill (by Town)</p>	<p>Future Projects (>20 years)</p> <p>Well #6 Treatment Facility \$2,600,000 New Well - Mitchell Woods \$1,500,000 Future Storage Tank \$2,000,000</p> <p>Projects on Hold</p> <p>Blending of Wells 6, 7 & 8 \$835,000 Increase Production of Well #2 \$300,000 New MVD Office \$600,000</p>	<p>Planning Board Action (RSA 647:6)</p> <p>Urgent - Cannot be delayed Necessary - Needed within 3 years to maintain LOS* Desirable - Needed within 4 to 6 years to improve LOS* Deferrable - Can be placed on hold Premature - Needs more research Inconsistent - Contrary to land use planning N/A - PB took no action on these items (not Capital) *Level of Service (LOS)</p>
<p>Ongoing Project</p> <p>**Wells 4&5 Treatment Plant</p> <p>Saint Gobain \$3,350,000 Trust Fund Grant \$405,000 MVD \$405,000</p> <p>Total \$4,160,000</p>		

**MERRIMACK VILLAGE DISTRICT
SUMMARY OF PROJECTS
(FISCAL YEAR 2020)
22-Feb-19**

<u>Project</u>	<u>Explanation</u>
Land purchase for potential well site	To secure (investigate and purchase) potential future supply site.
Potential new well site development	Investigation and development of potential new well site to increase supply.
New Well Site Installation	Estimated cost for engineering and construction for new well.
New Well Treatment	TBD depending on water quality of new well.
Well #3 Treatment	Planned improvements for Fe/Mn treatment at Well #3. A study phase is proposed to identify cost effective alternatives. This evaluation will coincide with potential treatment for the new well so treatment considerations will be coordinated for both.
Wells 4 & 5 Treatment Plant	PFAS treatment per the Saint-Gobain agreement dated 5/1/18 and system upgrades.
Wells 2 & 3 and 7 & 8 Treatment	This is treatment of PFAS on all four wells per Petitioned Warrant Articles. This project is pending the outcome of the votes at the Annual Meeting on 3/26/19.
Lime Station Improvements - Well #2 (on hold)	This is the implementation phase of the current <i>Well House Evaluation (#2, #3, #7)</i> . Existing chemical feed facilities have reached the end of their useful life. Improvements are needed.
Well House Evaluation (#2, #3, #7)	This is an evaluation of the aging lime feed systems and alternatives for pH adjustment.
Master Plan Update	A review of current and future projects, infrastructure and assets.
Water Model Update	To help us better predict future demands on the MVD system.
Well #7 short term and long term improvements	This is the implementation phase of the current <i>Well House Evaluation (#2, #3, #7)</i> . Existing chemical feed facilities have reached the end of their useful life. Improvements are needed to include short term and long term improvements for pH adjustment for Wells #7 and #8.
Well level monitoring, SCADA/GIS/IT improvements	This work will be a continuation of ongoing SCADA and GIS improvements. The project will include a study phase evaluation first to update costs and identify the most effective way to connect well monitoring to the SCADA system.
Storage Tank Improvements	Work will include repairs, cleaning, sand blasting, recoating and any other maintenance that may arise.
Wire Road Extension	This is an extension of the Saint-Gobain water main installation project.

**MERRIMACK VILLAGE DISTRICT
SUMMARY OF PROJECTS
(FISCAL YEAR 2020)
22-Feb-19**

<u>Project</u>	<u>Explanation</u>
Turkey Hill Booster Station	Based on UE's Master Plan to improve station. Station is aging and has reached the end of it's useful life. Parts and repairs for pumps are non-standard and expensive. Confined space and life safety issues exist as well. Work will include an initial study phase to evaluate alternatives and update costs.
Rte. 3 North Improvements	Master Plan identifies need to eliminate parallel mains in Rte. 3 north of Priscilla Lane. Transmission main improvements are also proposed to support pending mixed use development by Flatley. Much of work will likely be funded by the Developer.
Belmont Booster Station Pumps/controls	Planned improvements to upgrade the pumps and controls and the Belmont Booster station due to aging equipment
Rate Update	A complete rate update should be done every 2-3 years. The last update was completed 12/2018
Looping and Dead-Ends	Distribution system improvements to improve water quality and reliability as outlined in the UE Asset Management Report.
Town Coordination Projects	Water projects that should be considered (if needed) as part of Town road/bridge projects. Costs and scope need to be determined on an as needed basis.
Distribution System Improvements (Annual Funding to support CIP/AM)	Suggested budget items to support asset management program of aging infrastructure. Per UE Asset Management Report.
Well, Tank and Pumping Facilities	Suggested budget items to support asset management program of aging infrastructure. Per UE Asset Management Report.

**MERRIMACK VILLAGE DISTRICT
WATER WORKS**



2019 / 2020 WARRANT & BUDGET

MERRIMACK VILLAGE DISTRICT

Warrant

To the inhabitants of the Merrimack Village District in the Town of Merrimack, New Hampshire qualified to vote in District affairs:

You are hereby notified to meet in the **All-Purpose Room** of the **James Mastricola Upper Elementary School at 26 Baboosic Lake Road** in said District on the 26th day of March 2019 at 7:00 PM to act upon the following:

ARTICLE 1: To choose one (1) Commissioner for a three-year (3) term of office. (Written ballot vote required)

ARTICLE 2: Shall the Merrimack Village District (MVD) vote to raise and appropriate a sum of three million six hundred thousand dollars (\$3,600,000) for the primary purpose of designing and constructing a water treatment system for MVD wells 7 and 8 to reduce per- and polyfluoroalkyl substances (PFAS). Such sum to be raised by the issuance of bonds or notes not to exceed three million six hundred thousand dollars (\$3,600,000) under, and in compliance with, the provisions of the Municipal Finance Act (NH RSA 33) and to authorize the Board of Commissioners (BOC) to issue and negotiate such bonds or notes as shall be in the best interests of the MVD; to additionally participate in the State Revolving Fund (SRF) RSA 486:14 established for this purpose, and/or to participate in existing or future economic funding, and to allow the BOC to expend such monies as become available and to authorize the BOC to take any other action or to pass any other vote relative to said purpose; and to raise and appropriate the required sum of money for the purpose of 2019/2020 interest on said bond or notes? (2/3 ballot vote required)

Recommended by the Board of Commissioners (2-2-0)

This is a Petitioned Warrant Article.

ARTICLE 3: Shall the Merrimack Village District (MVD) vote to raise and appropriate a sum of ten million nine hundred thousand dollars (\$10,900,000) for the primary purpose of designing and constructing a water treatment system for MVD wells 2 and 3 to reduce iron, manganese, and per- and polyfluoroalkyl substances (PFAS), including new water lines connecting those wells to the new treatment system. Such sum to be raised by the issuance of serial bonds or notes not to exceed ten million nine hundred thousand dollars (\$10,900,000) under, and in compliance with, the provisions of the Municipal Finance Act (NH RSA 33) and to authorize the Board of Commissioners (BOC) to issue and negotiate such bonds or notes as shall be in the best interests of the MVD; to additionally participate in the State Revolving Fund (SRF) RSA 486:14 established for this purpose, and/or to participate in existing or future economic funding and to allow the BOC to expend such monies as become available and to authorize the BOC to take any other action or to pass any other vote relative to said purpose; and to raise and appropriate the required sum of money for the purpose of 2019/2020 interest on said bond or notes? (2/3 ballot vote required)

Recommended by the Board of Commissioners (2-2-0)

This is a Petitioned Warrant Article.

ARTICLE 4: To see if the Merrimack Village District will vote to raise and appropriate the sum of three million eight hundred fifty-three thousand three hundred forty-three dollars (\$3,853,943) for general municipal operations for the 2019-2020 fiscal year with said sum to come from water related charges. This article does not include appropriations contained in special or individual articles addressed separately. (Majority vote required.)

Recommended by the Board of Commissioners (4-0-0)
Reviewed by the Department of Revenue Administration

ARTICLE 5: Shall the Merrimack Village District vote to establish a contingency fund, pursuant to RSA 52:4-a, by raising and appropriating the amount of twenty thousand (\$20,000) to meet the cost of unanticipated expenses that may arise during the fiscal year 2019-2020 with said funds to come from water fees? (Majority vote required.)

Recommended by the Board of Commissioners (4-0-0)
Reviewed by the Department of Revenue Administration


ARTICLE 6: Shall the Merrimack Village District vote to raise and appropriate the sum of fifty thousand seventy dollars (\$50,070) under provisions of RSA 35:1, I and II to add to the District's "System Development Capital Reserve" fund for the future system expansion and improvement of the existing system? This sum to come from the fiscal year 2017-2018 surplus fund balance; these are the system development charges collected during the 2017-2018 budget year. (Majority vote required.)

Recommended by the Board of Commissioners (4-0-0)
Reviewed by the Department of Revenue Administration

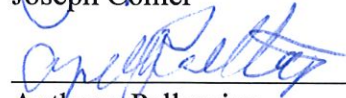
ARTICLE 7: Shall the Merrimack Village District vote to establish a Capital Reserve Fund under provisions of RSA 35:1, V for the purpose of Extraordinary Legal Fees and Expenses related to present or foreseeable litigation or unforeseen legal expenses involving the Merrimack Village District or its officers and employees, and raise and appropriate the sum of one hundred thousand dollars (\$100,000) to be placed in this fund. This sum to come from surplus fund balances. Further, to appoint the Board of Commissioners as agents to expend from this Capital Reserve Fund. (Majority vote required.)

Recommended by the Board of Commissioners (4-0-0)
Reviewed by the Department of Revenue Administration

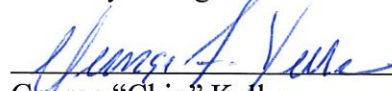
A true copy of WARRANT – attest Board of Commissioners this date of 3/7, 2019.



Joseph Comer



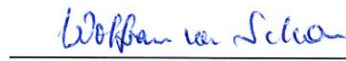
Anthony Pellegrino



George "Chip" Keller



Donald Provencher



Wolf von Schoen

**MERRIMACK VILLAGE DISTRICT
2019 / 2020 BUDGET SUMMARY**

Account #	Description	ACTUAL 2017 / 2018	APPROVED BUDGET 2018 / 2019	STAFF REQUESTED 2019 / 2020	BOC RECOMMENDED 2019 / 2020	ANNUAL MEETING 2019 / 2020
50010	Officers Salaries	9,474	10,495	11,170	11,170	
50100	Administrative Salaries	300,507	320,020	349,370	349,370	
50150	Employee Recognition	0	1,450	100	100	
50200	Field Staff Salaries	594,763	687,714	790,652	790,652	
50300	Unemployment Compensation	787	1,200	1,200	1,200	
50350	Employee Wellness Program	4,298	4,000	5,000	5,000	
50400	Social Security/ Medicare Employer Tax	69,258	77,895	88,066	88,066	
50450	Retirement - Employer Contribution	100,729	115,875	128,588	128,588	
50500	Health Insurance	274,227	324,000	398,000	398,000	
50525	Dental Insurance	17,218	19,200	26,320	26,320	
50530	Flexible Spending Account Fees	0	0	600	600	
50550	Life/Short & Long Term Disability Insurance	7,809	8,000	11,000	11,000	
50575	Workers Compensation	6,168	13,000	15,000	15,000	

**MERRIMACK VILLAGE DISTRICT
2019 / 2020 BUDGET SUMMARY**

Account #	Description	ACTUAL 2017 / 2018	APPROVED BUDGET 2018 / 2019	STAFF REQUESTED 2019 / 2020	BOC RECOMMENDED 2019 / 2020	ANNUAL MEETING 2019 / 2020
60000	Electricity	208,212	274,000	250,000	250,000	
60100	Telephone / Cable	18,024	18,100	19,500	19,500	
60200	Uniforms	4,844	4,800	6,390	6,390	
60225	Education/Seminars	2,555	4,800	5,000	5,000	
60250	Testing / Licensing	2,475	1,050	2,200	2,200	
60300	Water Purchase	33,149	5,000	20,000	20,000	
60400	Heating Fuel LPG/Propane	14,757	14,100	15,500	15,500	
60450	Gasoline	18,380	26,400	20,500	20,500	
60460	Diesel Fuel	1,800	3,500	3,500	3,500	
60500	Motor Vehicle Maintenance	23,167	22,000	20,000	20,000	
60600	Chemicals	135,700	150,818	140,000	140,000	
60700	Safety Supplies/Equipment	3,466	9,800	6,500	6,500	

**MERRIMACK VILLAGE DISTRICT
2019 / 2020 BUDGET SUMMARY**

Account #	Description	ACTUAL 2017 / 2018	APPROVED BUDGET 2018 / 2019	STAFF REQUESTED 2019 / 2020	BOC RECOMMENDED 2019 / 2020	ANNUAL MEETING 2019 / 2020
60800	Lease	7,373	10,000	8,500	8,500	
60850	Property Taxes	4,989	6,000	5,500	5,500	
70000	Tools	16,828	20,500	7,700	7,700	
70010	Office Equipment	64,752	11,200	10,000	10,000	
70020	Rentals	0	1,100	1,100	1,100	
70030	Town Sewer Rent / Septic Pump	2,060	2,500	2,500	2,500	
70050	Repairs & Maintenance - Backflows	1,138	1,000	1,100	1,100	
70100	Repairs & Maintenance - Communications Equipment	3,165	4,500	4,000	4,000	
70150	Repair & Maintenance - Corrosion Control	2,409	5,000	5,000	5,000	
70200	Main Lines & Entrances - Enhancements	4,180	21,000	25,400	25,400	
70250	Repairs & Maintenance - Entrances	3,766	16,500	16,500	16,500	
70300	Repairs & Maintenance - Hydrants	1,883	14,000	20,360	20,360	

**MERRIMACK VILLAGE DISTRICT
2019 / 2020 BUDGET SUMMARY**

Account #	Description	ACTUAL 2017 / 2018	APPROVED BUDGET 2018 / 2019	STAFF REQUESTED 2019 / 2020	BOC RECOMMENDED 2019 / 2020	ANNUAL MEETING 2019 / 2020
70400	Repairs & Maintenance - Main Lines	7,306	41,700	41,700	41,700	
70450	Repairs & Maintenance - Meters	8,746	50,000	50,000	50,000	
70500	Repairs & Maintenance - Monitoring Wells/Sampling/Divers	33,394	42,062	43,062	43,062	
70525	Repairs & Maintenance - Office Equipment	26,405	33,400	33,000	33,000	
70550	Repair & Maintenance - Pump Stations	21,682	65,000	82,500	82,500	
70600	Repairs & Maintenance - Structures	18,933	18,280	20,280	20,280	
70650	Repairs & Maintenance - Tanks	197,283	10,000	10,000	10,000	
70700	Repairs & Maintenance - Tools & Equipment	852	2,650	2,650	2,650	
70750	Repairs & Maintenance - Watershed	4,263	2,500	5,000	5,000	
80000	Office Supplies	12,775	18,000	15,000	15,000	
80100	Postage	13,788	24,000	20,000	20,000	
80125	Shipping / Freight / Fuel Charge	614	1,500	2,750	2,750	

**MERRIMACK VILLAGE DISTRICT
2019 / 2020 BUDGET SUMMARY**

Account #	Description	ACTUAL 2017 / 2018	APPROVED BUDGET 2018 / 2019	STAFF REQUESTED 2019 / 2020	BOC RECOMMENDED 2019 / 2020	ANNUAL MEETING 2019 / 2020
80150	Fees Miscellaneous	5,233	6,000	6,000	6,000	
80200	Dues / Subscriptions	2,561	3,000	3,000	3,000	
80300	Meeting Expense	4,306	2,500	6,000	6,000	
80350	Travel Expense	878	1,800	1,800	1,800	
80400	Advertising & Public Information Notices	3,062	4,750	6,200	6,200	
81400	Public Education	300	1,500	2,000	2,000	
81600	Land Improvement	0	2,000	5,000	5,000	
81700	Insurance General	26,851	26,300	28,300	28,300	
81800	Outside Services	40,710	38,600	35,000	35,000	
81900	Engineering	11,388	58,400	88,500	88,500	
81901	Inspections / Plan Reviews	0	0	0	0	
81950	Professional Fees	82,215	33,500	65,000	65,000	

**MERRIMACK VILLAGE DISTRICT
2019 / 2020 BUDGET SUMMARY**

Account #	Description	ACTUAL 2017 / 2018	APPROVED BUDGET 2018 / 2019	STAFF REQUESTED 2019 / 2020	BOC RECOMMENDED 2019 / 2020	ANNUAL MEETING 2019 / 2020
90000	Capital Budget Expense	39,395	252,250	215,500	215,500	
90050	Capital Reserve Fund	160,000	0	0	0	
90100	Bad Debts	273	500	500	500	
90200	Debt Service Principal	260,000	260,000	260,000	260,000	
90203	NHDES - DWSRF Loan Principal	180,566	184,106	187,714	187,714	
90300	Debt Service Interest	120,831	109,653	101,425	101,425	
90303	NHDES - DWSRF Loan Interest	81,393	77,854	74,246	74,246	
Total Operating Budget/Expense		3,330,313	3,602,322	3,853,943	3,853,943	0
<i>Petitioned Warrant Articles - Bonds/Notes (Capital Purchase-1st Yr Interest TBD)</i>		0	0	3,600,000	0	
<i>Petitioned Warrant Articles - Bonds/Notes (Capital Purchase-1st Yr Interest TBD)</i>		0	0	10,900,000	0	
<i>Individual Warrant Articles - Contingency Fund</i>		0	20,000	20,000	20,000	
<i>Special Warrant Articles - Transfers to Capital Reserve Funds</i>		540,000	548,750	150,070	150,070	
<i>Special Warrant Articles - Bonds/Notes (Capital Purchase-Incl. 1st Yr Interest)</i>		0	1,330,000	0	0	
TOTAL APPROPRIATIONS		3,870,313	5,501,072	18,524,013	4,024,013	0

MERRIMACK VILLAGE DISTRICT
ACTUAL & PROJECTED REVENUE 2013/2014 - 2019/2020

	<u>ACTUAL</u> <u>2013 / 2014</u>	<u>ACTUAL</u> <u>2014 / 2015</u>	<u>ACTUAL</u> <u>2015 / 2016</u>	<u>ACTUAL</u> <u>2016 / 2017</u>	<u>ACTUAL</u> <u>2017 / 2018</u>	<u>APPROVED</u> <u>BUDGET</u> <u>2017/2018</u>	<u>APPROVED</u> <u>BUDGET</u> <u>2018 / 2019</u>	<u>STAFF</u> <u>PROJECTED</u> <u>2019 / 2020</u>	<u>BOC</u> <u>PROJECTED</u> <u>2019 / 2020</u>
Domestic Water Sales	\$1,411,140	\$1,575,815	\$1,723,265	\$1,650,798	\$1,561,602	\$1,604,669	\$1,699,500	\$1,749,216	\$1,749,216
Mercantile Water Sales	\$188,448	\$199,119	\$220,286	\$214,711	\$260,526	\$206,101	\$291,272	\$306,809	\$306,809
Industrial Water Sales	\$93,798	\$84,864	\$89,804	\$69,018	\$29,178	\$102,085	\$33,950	\$35,761	\$35,761
Meter Charges	\$539,656	\$540,270	\$519,446	\$539,144	\$540,225	\$533,924	\$543,650	\$572,650	\$572,650
Fines	\$23,921	\$23,593	\$22,919	\$24,894	\$23,813	\$27,849	\$24,550	\$40,000	\$40,000
Transfer Fee	\$9,050	\$10,930	\$11,820	\$11,810	\$13,430	\$11,913	\$15,900	\$18,921	\$18,921
Hydrant Charges	\$647,598	\$647,046	\$648,952	\$654,835	\$653,998	\$690,909	\$663,300	\$698,682	\$698,682
Sprinkler Charges	\$118,166	\$124,386	\$123,572	\$124,185	\$118,407	\$127,994	\$126,550	\$133,300	\$133,300
Interest	\$431	\$372	\$2,071	\$6,668	\$14,321	\$755	\$12,000	\$26,000	\$26,000
Communication Tower Rental	\$39,986	\$40,146	\$36,846	\$82,315	\$93,097	\$39,700	\$86,050	\$116,863	\$116,863
Miscellaneous Income	\$46,594	\$43,569	\$33,192	\$4,242	\$12,189	\$41,300	\$10,000	\$10,000	\$10,000
Service Charge Mains	\$0	\$0	\$0	\$3,537	\$75	\$500	\$1,250	\$1,488	\$1,488
Service Charge Hydrant Hook-Ups	\$1,688	\$1,384	\$285	\$1,308	\$234	\$1,300	\$1,050	\$1,250	\$1,250
Service Charge Turn On/Off Water	\$12,057	\$10,503	\$8,460	\$11,853	\$21,049	\$10,300	\$14,600	\$27,374	\$27,374
Miscellaneous Service Charges	\$6,532	\$11,043	\$11,091	\$14,928	\$15,993	\$10,900	\$12,750	\$15,173	\$15,173
Service Charge Backflow Test	\$47,128	\$34,700	\$38,743	\$33,250	\$42,400	\$36,300	\$36,700	\$43,673	\$43,673
Service Charge Entrances	\$15,335	\$35,231	\$26,555	\$83,929	\$25,911	\$26,300	\$26,500	\$34,035	\$34,035
Merchandise Sales	\$2,860	\$4,928	\$2,262	\$791	\$3,103	\$3,300	\$2,750	\$2,750	\$2,750
System Development Charge	\$0	\$0	\$0	\$48,750	\$50,070	\$0	\$0	\$0	\$0
Legal Fee Reimbursements	\$360	\$0	\$360	\$0	\$0	\$0	\$0	\$0	\$0
Inspection / Plan Reviews	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$0	\$0
Overtime Estimate (Reimbursable)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Income Received from State Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
TOTAL	\$3,204,748	\$3,387,899	\$3,519,929	\$3,580,966	\$3,479,620	\$3,477,099	\$3,602,322	\$3,853,943	\$3,853,943



Proposed Budget
Merrimack Village

For the period beginning July 1, 2019 and ending June 30, 2020
Form Due Date: **20 Days after the Annual Meeting**

This form was posted with the warrant on: march 8th, 2019

GOVERNING BODY CERTIFICATION

Under penalties of perjury, I declare that I have examined the information contained in this form and to the best of my belief it is true, correct and complete.

Name	Position	Signature
Joseph Comer	BOC-Chairman	<i>Joseph Comer</i>
Wolf van Schoen	BOC-Commissioner	<i>Wolf van Schoen</i>
Anthony Pellegrino	BOC-Commissioner	<i>Anthony Pellegrino</i>
George Keller	BOC-Commissioner	<i>George Keller</i>
Donald Provencher	BOC-Commissioner	<i>Donald A. Provencher</i>

This form must be signed, scanned, and uploaded to the Municipal Tax Rate Setting Portal:
<https://www.proptax.org/>

For assistance please contact:
NH DRA Municipal and Property Division
(603) 230-5090
<http://www.revenue.nh.gov/mun-prop/>



Appropriations

Account	Purpose	Article	Expenditures for period ending 6/30/2018	Appropriations for period ending 6/30/2019	Proposed Appropriations for period ending 6/30/2020	
					(Recommended)	(Not Recommended)
General Government						
0000-0000	Collective Bargaining		\$0	\$0	\$0	\$0
4130-4139	Executive		\$0	\$0	\$0	\$0
4140-4149	Election, Registration, and Vital Statistics		\$0	\$0	\$0	\$0
4150-4151	Financial Administration		\$0	\$0	\$0	\$0
4152	Revaluation of Property		\$0	\$0	\$0	\$0
4153	Legal Expense		\$0	\$0	\$0	\$0
4155-4159	Personnel Administration		\$0	\$0	\$0	\$0
4191-4193	Planning and Zoning		\$0	\$0	\$0	\$0
4194	General Government Buildings		\$0	\$0	\$0	\$0
4195	Cemeteries		\$0	\$0	\$0	\$0
4196	Insurance		\$0	\$0	\$0	\$0
4197	Advertising and Regional Association		\$0	\$0	\$0	\$0
4199	Other General Government		\$0	\$20,000	\$0	\$0
	General Government Subtotal		\$0	\$20,000	\$0	\$0
Public Safety						
4210-4214	Police		\$0	\$0	\$0	\$0
4215-4219	Ambulance		\$0	\$0	\$0	\$0
4220-4229	Fire		\$0	\$0	\$0	\$0
4240-4249	Building Inspection		\$0	\$0	\$0	\$0
4290-4298	Emergency Management		\$0	\$0	\$0	\$0
4299	Other (Including Communications)		\$0	\$0	\$0	\$0
	Public Safety Subtotal		\$0	\$0	\$0	\$0
Airport/Aviation Center						
4301-4309	Airport Operations		\$0	\$0	\$0	\$0
	Airport/Aviation Center Subtotal		\$0	\$0	\$0	\$0
Highways and Streets						
4311	Administration		\$0	\$0	\$0	\$0
4312	Highways and Streets		\$0	\$0	\$0	\$0
4313	Bridges		\$0	\$0	\$0	\$0
4316	Street Lighting		\$0	\$0	\$0	\$0
4319	Other		\$0	\$0	\$0	\$0
	Highways and Streets Subtotal		\$0	\$0	\$0	\$0



Appropriations

Account	Purpose	Article	Expenditures for period ending 6/30/2018	Appropriations for period ending 6/30/2019	Proposed Appropriations for period ending 6/30/2020	
					(Recommended)	(Not Recommended)
Sanitation						
4321	Administration		\$0	\$0	\$0	\$0
4323	Solid Waste Collection		\$0	\$0	\$0	\$0
4324	Solid Waste Disposal		\$0	\$0	\$0	\$0
4325	Solid Waste Cleanup		\$0	\$0	\$0	\$0
4326-4328	Sewage Collection and Disposal		\$0	\$0	\$0	\$0
4329	Other Sanitation		\$0	\$0	\$0	\$0
	Sanitation Subtotal		\$0	\$0	\$0	\$0
Water Distribution and Treatment						
4331	Administration	04	\$1,133,609	\$1,109,715	\$1,297,274	\$0
4332	Water Services	04	\$489,077	\$658,797	\$735,670	\$0
4335	Water Treatment	04	\$734,798	\$949,947	\$982,114	\$0
4338-4339	Water Conservation and Other		\$0	\$0	\$0	\$0
	Water Distribution and Treatment Subtotal		\$2,357,484	\$2,718,459	\$3,015,058	\$0
Electric						
4351-4352	Administration and Generation		\$0	\$0	\$0	\$0
4353	Purchase Costs		\$0	\$0	\$0	\$0
4354	Electric Equipment Maintenance		\$0	\$0	\$0	\$0
4359	Other Electric Costs		\$0	\$0	\$0	\$0
	Electric Subtotal		\$0	\$0	\$0	\$0
Health						
4411	Administration		\$0	\$0	\$0	\$0
4414	Pest Control		\$0	\$0	\$0	\$0
4415-4419	Health Agencies, Hospitals, and Other		\$0	\$0	\$0	\$0
	Health Subtotal		\$0	\$0	\$0	\$0
Welfare						
4441-4442	Administration and Direct Assistance		\$0	\$0	\$0	\$0
4444	Intergovernmental Welfare Payments		\$0	\$0	\$0	\$0
4445-4449	Vendor Payments and Other		\$0	\$0	\$0	\$0
	Welfare Subtotal		\$0	\$0	\$0	\$0
Culture and Recreation						
4520-4529	Parks and Recreation		\$0	\$0	\$0	\$0
4550-4559	Library		\$0	\$0	\$0	\$0
4583	Patriotic Purposes		\$0	\$0	\$0	\$0
4589	Other Culture and Recreation		\$0	\$0	\$0	\$0
	Culture and Recreation Subtotal		\$0	\$0	\$0	\$0



Appropriations

Account	Purpose	Article	Expenditures for period ending 6/30/2018	Appropriations for period ending 6/30/2019	Proposed Appropriations for period ending 6/30/2020	
					(Recommended)	(Not Recommended)
Conservation and Development						
4611-4612	Administration and Purchasing of Natural Resources		\$0	\$0	\$0	\$0
4619	Other Conservation		\$0	\$0	\$0	\$0
4631-4632	Redevelopment and Housing		\$0	\$0	\$0	\$0
4651-4659	Economic Development		\$0	\$0	\$0	\$0
Conservation and Development Subtotal			\$0	\$0	\$0	\$0
Debt Service						
4711	Long Term Bonds and Notes - Principal	04	\$440,566	\$444,106	\$447,714	\$0
4721	Long Term Bonds and Notes - Interest	04	\$202,227	\$217,507	\$175,671	\$0
4723	Tax Anticipation Notes - Interest		\$0	\$0	\$0	\$0
4790-4799	Other Debt Service		\$0	\$0	\$0	\$0
Debt Service Subtotal			\$642,793	\$661,613	\$623,385	\$0
Capital Outlay						
4901	Land		\$0	\$0	\$0	\$0
4902	Machinery, Vehicles, and Equipment	04	\$330,036	\$252,250	\$215,500	\$0
4903	Buildings		\$0	\$0	\$0	\$0
4909	Improvements Other than Buildings		\$0	\$1,300,000	\$0	\$0
Capital Outlay Subtotal			\$330,036	\$1,552,250	\$215,500	\$0
Operating Transfers Out						
4912	To Special Revenue Fund		\$0	\$0	\$0	\$0
4913	To Capital Projects Fund		\$0	\$0	\$0	\$0
4914A	To Proprietary Fund - Airport		\$0	\$0	\$0	\$0
4914E	To Proprietary Fund - Electric		\$0	\$0	\$0	\$0
4914O	To Proprietary Fund - Other		\$0	\$0	\$0	\$0
4914S	To Proprietary Fund - Sewer		\$0	\$0	\$0	\$0
4914W	To Proprietary Fund - Water		\$0	\$0	\$0	\$0
4918	To Non-Expendable Trust Funds		\$0	\$0	\$0	\$0
4919	To Fiduciary Funds		\$0	\$0	\$0	\$0
Operating Transfers Out Subtotal			\$0	\$0	\$0	\$0
Total Operating Budget Appropriations					\$3,853,943	\$0



Special Warrant Articles

Account	Purpose	Article	Proposed Appropriations for period ending 6/30/2020	
			(Recommended)	(Not Recommended)
4909	Improvements Other than Buildings	02	\$0	\$3,600,000
		<i>Purpose: To add treatment for PFAS to Wells 7 and 8</i>		
4909	Improvements Other than Buildings	03	\$0	\$10,900,000
		<i>Purpose: To provide PFAS Treatment for Wells 2 and 3</i>		
4915	To Capital Reserve Fund	06	\$50,070	\$0
		<i>Purpose: To add surplus funds to Capital Reserve</i>		
4915	To Capital Reserve Fund	07	\$100,000	\$0
		<i>Purpose: To establish CRF for Extraordinary Legal Fees and</i>		
Total Proposed Special Articles			\$150,070	\$14,500,000



Individual Warrant Articles

Account	Purpose	Article	Proposed Appropriations for period ending 6/30/2020	
			(Recommended)	(Not Recommended)
4199	Other General Government	05	\$20,000	\$0
<i>Purpose: To establish a contingency fund</i>				
Total Proposed Individual Articles			\$20,000	\$0



Revenues

Account	Source	Article	Actual Revenues for period ending 6/30/2018	Estimated Revenues for period ending 6/30/2019	Estimated Revenues for period ending 6/30/2020
Taxes					
3120	Land Use Change Tax - General Fund		\$0	\$0	\$0
3180	Resident Tax		\$0	\$0	\$0
3185	Yield Tax		\$0	\$0	\$0
3186	Payment in Lieu of Taxes		\$0	\$0	\$0
3187	Excavation Tax		\$0	\$0	\$0
3189	Other Taxes		\$0	\$0	\$0
3190	Interest and Penalties on Delinquent Taxes		\$0	\$0	\$0
9991	Inventory Penalties		\$0	\$0	\$0
	Taxes Subtotal		\$0	\$0	\$0
Licenses, Permits, and Fees					
3210	Business Licenses and Permits		\$0	\$0	\$0
3220	Motor Vehicle Permit Fees		\$0	\$0	\$0
3230	Building Permits		\$0	\$0	\$0
3290	Other Licenses, Permits, and Fees		\$0	\$0	\$0
3311-3319	From Federal Government		\$0	\$0	\$0
	Licenses, Permits, and Fees Subtotal		\$0	\$0	\$0
State Sources					
3351	Shared Revenues		\$0	\$0	\$0
3352	Meals and Rooms Tax Distribution		\$0	\$0	\$0
3353	Highway Block Grant		\$0	\$0	\$0
3354	Water Pollution Grant		\$0	\$0	\$0
3355	Housing and Community Development		\$0	\$0	\$0
3356	State and Federal Forest Land Reimbursement		\$0	\$0	\$0
3357	Flood Control Reimbursement		\$0	\$0	\$0
3359	Other (Including Railroad Tax)	04	\$0	\$0	\$20,000
3379	From Other Governments		\$0	\$0	\$0
	State Sources Subtotal		\$0	\$0	\$20,000
Charges for Services					
3401-3406	Income from Departments	04, 05	\$3,336,200	\$3,516,972	\$3,658,331
3409	Other Charges		\$0	\$0	\$0
	Charges for Services Subtotal		\$3,336,200	\$3,516,972	\$3,658,331
Miscellaneous Revenues					
3501	Sale of Municipal Property		\$0	\$0	\$0
3502	Interest on Investments	04	\$14,321	\$12,000	\$26,000
3503-3509	Other	04	\$129,099	\$123,350	\$169,612
	Miscellaneous Revenues Subtotal		\$143,420	\$135,350	\$195,612



Revenues

Account	Source	Article	Actual Revenues for period ending 6/30/2018	Estimated Revenues for period ending 6/30/2019	Estimated Revenues for period ending 6/30/2020
Interfund Operating Transfers In					
3912	From Special Revenue Funds		\$0	\$0	\$0
3913	From Capital Projects Funds		\$0	\$0	\$0
3914A	From Enterprise Funds: Airport (Offset)		\$0	\$0	\$0
3914E	From Enterprise Funds: Electric (Offset)		\$0	\$0	\$0
3914O	From Enterprise Funds: Other (Offset)		\$0	\$0	\$0
3914S	From Enterprise Funds: Sewer (Offset)		\$0	\$0	\$0
3914W	From Enterprise Funds: Water (Offset)		\$0	\$0	\$0
3915	From Capital Reserve Funds		\$0	\$0	\$0
3916	From Trust and Fiduciary Funds		\$0	\$0	\$0
3917	From Conservation Funds		\$0	\$0	\$0
Interfund Operating Transfers In Subtotal			\$0	\$0	\$0
Other Financing Sources					
3934	Proceeds from Long Term Bonds and Notes		\$0	\$1,300,000	\$0
9998	Amount Voted from Fund Balance	06, 07	\$0	\$0	\$150,070
9999	Fund Balance to Reduce Taxes		\$0	\$0	\$0
Other Financing Sources Subtotal			\$0	\$1,300,000	\$150,070
Total Estimated Revenues and Credits			\$3,479,620	\$4,952,322	\$4,024,013



Budget Summary

Item	Period ending 6/30/2019	Period ending 6/30/2020
Operating Budget Appropriations		\$3,853,943
Special Warrant Articles	\$1,878,750	\$150,070
Individual Warrant Articles	\$20,000	\$20,000
Total Appropriations	\$5,501,072	\$4,024,013
Less Amount of Estimated Revenues & Credits	\$5,501,072	\$4,024,013
Estimated Amount of Taxes to be Raised	\$0	\$0



MERRIMACK VILLAGE DISTRICT

In Memory



Martin "Marty" Paul Carrier
January 19, 1939 – September 23, 2018

Marty served as the Merrimack Village District's Treasurer from 2005-2017. His dedication to the District, our community, his friends and most of all his beloved family will truly be missed and never forgotten.



2018 Employee Service Recognition

~ In Appreciation ~

<i>Jason Dubois</i>	<i>26 Years</i>
<i>Kevin Gurney</i>	<i>25 Years</i>
<i>Stephen Chase</i>	<i>21 Years</i>
<i>Ronald Miner</i>	<i>20 Years</i>
<i>Daniel St. Pierre</i>	<i>17 Years</i>
<i>James Colburn</i>	<i>17 Years</i>
<i>Edward Lambert</i>	<i>16 Years</i>
<i>Heinz Smith</i>	<i>12 Years</i>
<i>Jill Lavoie</i>	<i>11 Years</i>
<i>Brian Hieken</i>	<i>11 Years</i>
<i>David Fredrickson</i>	<i>7 Years</i>
<i>Amy Doucette</i>	<i>1 Year</i>
<i>Michele Holton</i>	<i>1 Year</i>