

*Received*  
*Asst. Town Clerk*  
*Susan J. Goss*  
OCT 15 2020  
11:00 AM

***Portfolio Review***  
***Prepared for***  
***Town of Morris***  
***October 7, 2020***

***Presented By:***  
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***and***

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*John S. Pronovost is a Registered Representative of and offers securities through Cambridge Investment Research, Inc. a Broker/Dealer, Member FINRA/SIPC.*

*Investment Advisory services offered through Cambridge Investment Research Advisors, Inc., a Registered Investment Advisor.  
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# Town of Morris - Pension Funds

## Inception Summary - October 7, 2020

### Assets Under Management

<u>Company</u>	<u>Date</u>	<u>Additions</u>	<u>Withdrawals</u>	<u>10/7/2020 Value</u>
<b><u>Fire Department:</u></b>				
<u>Cambridge Investment Research, Inc.</u>				
<i>Deposit</i>	4/23/1998	\$5,000.00		
<i>Deposit</i>	5/6/1998	\$29,718.35		
<i>Deposit</i>	8/27/1998	\$2,000.00		
<i>Deposit</i>	8/19/1999	\$4,000.00		
<i>Distribution</i>	6/23/2000		\$1,100.00	
<i>Deposit</i>	12/20/2002	\$1,950.00		
<i>Deposit</i>	10/2/2003	\$4,000.00		
<i>Distribution</i>	5/7/2004		\$3,442.00	
<i>Deposit</i>	12/27/2004	\$5,000.00		
<i>Deposit</i>	1/17/2006	\$3,000.00		
<i>Deposit</i>	12/8/2008	\$5,000.00		
<i>Deposit</i>	11/20/2009	\$3,000.00		
<i>Wire Distribution</i>	2/2/2015		\$10,000.00	
<i>Distribution</i>	8/2/2016		\$1,500.00	
<i>Distribution</i>	11/15/2016		\$3,500.00	
<i>Wire Distribution</i>	1/18/2018		\$5,700.00	
<i>Check Received</i>	3/5/2018	\$19.50		
<i>Check Received</i>	3/28/2018	\$3.50		
<i>Check Received</i>	7/31/2018	\$6,815.00		
<i>Check Received</i>	7/31/2018	\$5,700.00		
<i>Check Received</i>	7/31/2019	\$5,000.00		
<i>Check Received</i>	8/18/2020	\$3,650.00		
		<u>\$83,856.35</u>	<u>\$25,242.00</u>	<u>\$139,578.41</u>

*Total Deposits To Main St. Financial Group:* **\$83,856.35**

*Total Withdrawals:* **\$25,242.00**

*Total Net Investments:* **\$58,614.35**

*Profit:* **\$80,964.06**

*Total Assets for Fire Department Pension:* **\$139,578.41**

<u>Company</u>	<u>Date</u>	<u>Additions</u>	<u>Withdrawals</u>	<u>10/7/2020 Value</u>
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### Town Pension:

#### Cambridge Investment Research, Inc.

<i>Deposit</i>	4/23/1998	\$44,387.20		
<i>Deposit</i>	5/6/1998	\$14,451.72		
<i>Deposit</i>	8/13/1998	\$16,538.17		
<i>Deposit</i>	8/27/1998	\$135,974.20		
<i>Deposit</i>	9/16/1999	\$16,300.00		
<i>Deposit</i>	10/30/2000	\$14,000.00		
<i>Deposit</i>	12/17/2001	\$20,000.00		
<i>Deposit</i>	12/20/2002	\$21,000.00		
<i>Deposit</i>	10/2/2003	\$15,000.00		
<i>Deposit</i>	12/27/2004	\$13,000.00		
<i>Deposit</i>	1/17/2006	\$18,500.00		
<i>Deposit</i>	12/8/2008	\$72,500.00		
<i>Deposit</i>	11/20/2009	\$35,000.00		
<i>Deposit</i>	1/24/2013	\$60,000.00		
<i>Wire Distribution</i>	10/2/2015		\$15,000.00	
<i>Distribution</i>	8/2/2016		\$25,000.00	
<i>Wire Distribution</i>	1/18/2018		\$47,000.00	
<i>Check Received</i>	3/5/2018	\$23.00		
<i>Check Received</i>	7/31/2018	\$71,837.00		
<i>Check Received</i>	7/31/2018	\$47,000.00		
<i>Check Received</i>	7/31/2019	\$65,000.00		
<i>Check Received</i>	8/18/2020	\$69,050.00		
		<u>\$749,561.29</u>	<u>\$87,000.00</u>	<u>\$1,409,538.43</u>

*Total Deposits To Main St. Financial Group:* **\$749,561.29**

*Total Withdrawals:* **\$87,000.00**

*Total Net Investments:* **\$662,561.29**

*Profit:* **\$746,977.14**

*Total Assets for Town Pension:* **\$1,409,538.43**

**Total Assets Under Management: \$1,549,116.84**

# Town of Morris

## Transaction Summary

Year to Date - October 7, 2020

<u>Company/Account</u> <u>Transaction</u>	<u>Date</u>	<u>12/31/2019</u> <u>Value</u>	<u>Withdrawals</u>	<u>Deposits</u>	<u>Net</u> <u>Investment</u>	<u>10/7/2020</u> <u>Value</u>	<u>Unrealized Profit /</u> <u>Loss</u>
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### Pension Plan:

#### Town of Morris

Cambridge Investment Research, Inc.

<i>Beginning Value</i>	12/31/2019	\$1,288,859.03					
<i>Check Received</i>	8/18/2020			\$69,050.00			
		\$1,288,859.03	\$0.00	\$69,050.00	\$1,357,909.03	\$1,409,538.43	\$51,629.40

*Beginning Value*

*Total Distributions*

*Total Additions*

*Total Net Investments*

*Total Current Value*

*Total Profit/Loss*

*(Realized & Unrealized)*

\$1,288,859.03

\$0.00

\$69,050.00

\$1,357,909.03

\$1,409,538.43

\$51,629.40

Company/Account	Date	12/31/2019	Withdrawals	Deposits	Net	10/7/2020	Unrealized Profit /
Transaction		Value			Investment	Value	Loss

Pension Plan:  
Town of Morris - Fire Department

Cambridge Investment Research, Inc.							
Beginning Value	12/31/2019	\$129,951.25					
Check Received	8/18/2020		\$0.00	\$3,650.00			
		\$129,951.25	\$0.00	\$3,650.00	\$133,601.25	\$139,578.41	\$5,977.16

Beginning Value	\$129,951.25						
Total Distributions		\$0.00					
Total Additions				\$3,650.00			
Total Net Investments					\$133,601.25		
Total Current Value						\$139,578.41	
Total Profit/Loss							\$5,977.16
(Realized & Unrealized)							

<u>Company/Account</u> <u>Transaction</u>	<u>Date</u>	<u>12/31/2019</u> <u>Value</u>	<u>Withdrawals</u>	<u>Deposits</u>	<u>Net</u> <u>Investment</u>	<u>10/7/2020</u> <u>Value</u>	<u>Unrealized Profit /</u> <u>Loss</u>
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GRAND TOTAL:

<i>Beginning Value</i>		\$1,418,810.28					
<i>Total Distributions</i>			\$0.00				
<i>Total Additions</i>				\$72,700.00			
<i>Total Net Investments</i>					\$1,491,510.28		
<i>Total Current Value</i>						\$1,549,116.84	
<i>Total Profit/Loss</i> <i>(Realized &amp; Unrealized)</i>							\$57,606.56

# Combined Account Summary

Sorted By Account Type And Investor

## Town Of Morris

Account and Investment	Account #	Symbol	Shares	Price	Market Value	As Of
<b>Pension Plan</b>						
<b><u>Town Of Morris</u></b>						
AAM Unit 1907 American Renaissance Portfolio	B9F333956		4,950.000	\$11.84	\$58,608.00	10/7/2020
AAM Unit 1926 Cohen & Steers Covered Call & Income Portfolio	B9F333956		17.000	\$9.55	\$162.35	10/7/2020
AAM Unit 1942 Cohen & Steers Senior Variable Rate & Income Portfolio	B9F333956		4,300.000	\$8.44	\$36,292.00	10/7/2020
AAM Unit 1958 Cohen & Steers Covered Call & Income Portfolio	B9F333956		6,785.000	\$9.30	\$63,100.50	10/7/2020
AAM Unit 1969 Cohen & Steers Global Covered Call & Income Portfolio	B9F333956		4,051.000	\$8.16	\$33,056.16	10/7/2020
AAM Unit 1981 Dividend Strength Portfolio	B9F333956		12,688.000	\$9.30	\$117,998.40	10/7/2020
AAM Unit 2021 Dividend Strength Series 2020-3 HIMCO Portfolio	B9F333956		6,568.000	\$10.59	\$69,555.12	10/7/2020
Advisors Disciplined Trust 2021 Dividend Strength Portfolio	B9F333956		9,961.000	\$10.59	\$105,486.99	10/7/2020
AF AMCAP Fund A	B9F333956	AMCPX	2,148.852	\$36.50	\$78,433.10	10/7/2020
AF American Mutual Fund A	B9F333956	AMRMX	1,281.887	\$42.13	\$54,005.90	10/7/2020
AF Fundamental Investors A	B9F333956	ANCFX	1,889.684	\$62.48	\$118,067.46	10/7/2020
AF Growth Fund of America A	B9F333956	AGTHX	1,909.642	\$62.05	\$118,493.29	10/7/2020
AF Investment Co of Amer A	B9F333956	AIVSX	1,313.884	\$40.59	\$53,330.55	10/7/2020
AF New Perspective A	B9F333956	ANWPX	980.349	\$54.85	\$53,772.14	10/7/2020
AF Washington Mutual Investors A	B9F333956	AWSHX	2,458.724	\$46.63	\$114,650.30	10/7/2020
Fidelity Government Market Capital Reserves Class	B9F333956	FZAXX	4,065.560	\$1.00	\$4,065.56	10/7/2020
Lord Abbett Bond Debenture A	B9F333956	LBNDX	11,134.497	\$8.05	\$89,632.70	10/7/2020
Nuveen Strategic Income Class A	B9F333956	FCDDX	21,973.349	\$10.96	\$240,827.91	10/7/2020
<b>Total For Town Of Morris</b>					<b>\$1,409,538.43</b>	

## **Town of Morris - Fire Department**

AAM Unit 1942 Cohen & Steers Senior Variable Rate & Income Portfolio	B9F333964		850.000	\$8.44	\$7,174.00	10/7/2020
AAM Unit 1958 Cohen & Steers Covered Call & Income Portfolio	B9F333964		506.000	\$9.30	\$4,705.80	10/7/2020
AAM Unit 2021 Dividend Strength Series 2020-3 HIMCO Portfolio	B9F333964		280.000	\$10.59	\$2,965.20	10/7/2020
Advisors Disciplined Trust 2021 Dividend Strength Portfolio	B9F333964		2,191.000	\$10.59	\$23,202.69	10/7/2020
AF Fundamental Investors A	B9F333964	ANCFX	428.471	\$62.48	\$26,770.87	10/7/2020
AF Growth Fund of America A	B9F333964	AGTHX	217.537	\$62.05	\$13,498.17	10/7/2020
AF New Perspective A	B9F333964	ANWPX	282.926	\$54.85	\$15,518.49	10/7/2020
AF Washington Mutual Investors A	B9F333964	AWSHX	302.789	\$46.63	\$14,119.05	10/7/2020

## Combined Account Summary

Sorted By Account Type And Investor

### Town Of Morris

Account and Investment	Account #	Symbol	Shares	Price	Market Value	As Of
<b>Pension Plan</b>						
<b><u>Town of Morris - Fire Department</u></b>						
Fidelity Government Market Capital Reserves Class	B9F333964	FZAXX	1,237.660	\$1.00	\$1,237.66	10/7/2020
Nuveen Strategic Income Class A	B9F333964	FCDDX	2,772.489	\$10.96	\$30,386.48	10/7/2020
<b>Total For Town of Morris - Fire Department</b>					<b>\$139,578.41</b>	
<b>Total For Pension Plan</b>					<b>\$1,549,116.84</b>	
<b>Totals For Town Of Morris</b>					<b>\$1,549,116.84</b>	



# Combined Account Summary

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Sorted By Account Type And Investor

## Disclosures

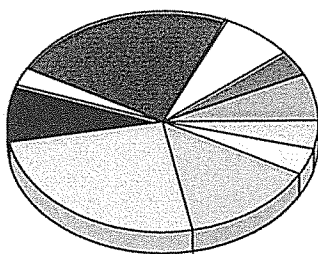
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Performance data quoted represents past performance and does not guarantee future results. The investment return and principal of an investment will fluctuate so that an investor's shares when redeemed may be worth more or less than original cost. The values represented in this report may not reflect the original cost of the client's initial investment.

For fee-based accounts: The figures may or may not reflect the deduction of investment advisory fees. If the investment is being managed through a fee-based account or agreement, the returns may be reduced by those applicable advisory fees. Refer to Cambridge Investment Research Advisors Form ADV, Part II. The Information contained in these reports is collected from sources believed to be reliable. However, you should always rely on your statements received directly from product sponsors and/or custodian. If you have any questions regarding your report, please call your representative.

# Sector Analysis

For Town Of Morris



- Covered Call Income Strategy (7%)
- Diversified Large Cap Growth (4%)
- Large Cap Value (7%)
- Liquidity (0%)
- Multi-Sector Bond (23%)
- Senior Variable Rate Debt (3%)
- U.S. Dividend Equity UIT (8%)
- U.S. Large Cap Blend (25%)
- U.S. Large Cap Growth (14%)
- U.S. Large Cap Value (4%)
- U.S. Multi-Cap Growth (4%)

Asset	Shares	Price	Value	As Of
<b><u>Covered Call Income Strategy</u></b>				
AAM Unit 1926 Cohen & Steers Covered Call & Income Portfolio	17.00	9.550	\$162.35	10/7/2020
AAM Unit 1958 Cohen & Steers Covered Call & Income Portfolio	6,785.00	9.300	\$63,100.50	10/7/2020
AAM Unit 1969 Cohen & Steers Global Covered Call & Income Portfolio	4,051.00	8.160	\$33,056.16	10/7/2020
<b>Total For Covered Call Income Strategy</b>			<b>\$96,319.01</b>	
<b><u>Diversified Large Cap Growth</u></b>				
AF New Perspective A	980.35	54.850	\$53,772.14	10/7/2020
<b>Total For Diversified Large Cap Growth</b>			<b>\$53,772.14</b>	
<b><u>Large Cap Value</u></b>				
Advisors Disciplined Trust 2021 Dividend Strength Portfolio	9,961.00	10.590	\$105,486.99	10/7/2020
<b>Total For Large Cap Value</b>			<b>\$105,486.99</b>	
<b><u>Liquidity</u></b>				
Fidelity Government Market Capital Reserves Class	4,065.56	1.000	\$4,065.56	10/7/2020
<b>Total For Liquidity</b>			<b>\$4,065.56</b>	
<b><u>Multi-Sector Bond</u></b>				
Lord Abbett Bond Debenture A	11,134.50	8.050	\$89,632.70	10/7/2020
Nuveen Strategic Income Class A	21,973.35	10.960	\$240,827.91	10/7/2020
<b>Total For Multi-Sector Bond</b>			<b>\$330,460.61</b>	
<b><u>Senior Variable Rate Debt</u></b>				
AAM Unit 1942 Cohen & Steers Senior Variable Rate & Income Portfolio	4,300.00	8.440	\$36,292.00	10/7/2020
<b>Total For Senior Variable Rate Debt</b>			<b>\$36,292.00</b>	

# Sector Analysis

For Town Of Morris

Asset	Shares	Price	Value	As Of
<b><u>U.S. Dividend Equity UIT</u></b>				
AAM Unit 1981 Dividend Strength Portfolio	12,688.00	9.300	\$117,998.40	10/7/2020
<b>Total For U.S. Dividend Equity UIT</b>			<b>\$117,998.40</b>	
<b><u>U.S. Large Cap Blend</u></b>				
AAM Unit 2021 Dividend Strength Series 2020-3 HIMCO Portfolio	6,568.00	10.590	\$69,555.12	10/7/2020
AF Fundamental Investors A	1,889.68	62.480	\$118,067.46	10/7/2020
AF Investment Co of Amer A	1,313.88	40.590	\$53,330.55	10/7/2020
AF Washington Mutual Investors A	2,458.72	46.630	\$114,650.30	10/7/2020
<b>Total For U.S. Large Cap Blend</b>			<b>\$355,603.43</b>	
<b><u>U.S. Large Cap Growth</u></b>				
AF AMCAP Fund A	2,148.85	36.500	\$78,433.10	10/7/2020
AF Growth Fund of America A	1,909.64	62.050	\$118,493.29	10/7/2020
<b>Total For U.S. Large Cap Growth</b>			<b>\$196,926.39</b>	
<b><u>U.S. Large Cap Value</u></b>				
AF American Mutual Fund A	1,281.89	42.130	\$54,005.90	10/7/2020
<b>Total For U.S. Large Cap Value</b>			<b>\$54,005.90</b>	
<b><u>U.S. Multi-Cap Growth</u></b>				
AAM Unit 1907 American Renaissance Portfolio	4,950.00	11.840	\$58,608.00	10/7/2020
<b>Total For U.S. Multi-Cap Growth</b>			<b>\$58,608.00</b>	
<b>Total For Town Of Morris</b>			<b>\$1,409,538.43</b>	

# Sector Analysis

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For Town Of Morris

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# Performance Summary

Based On Dollar Weighted (IRR) Calculations

Reporting Period From 1/1/2020 To 10/7/2020

## Town Of Morris

Asset	Beginning Value	Additions	Net Withdrawals	Reinvested	Market Gains / Losses	Ending Value	Div. Int. & Cap. Gains Paid Out	Period Return	Compound Annual Return
Account Pension Plan (B9F333956) Detail									
Account Daily Cash Balance*	\$0.00	\$622,371.63	\$622,424.64	\$0.00	\$53.01	\$0.00	\$0.00		
Fidelity Government Market Capital Reserves Class	\$33,656.05	\$207,409.33	\$237,006.84	\$7.02	\$0.00	\$4,065.56	\$0.00	0.12%	
Lord Abbett Short Duration Income C I A	\$227,820.73	\$0.00	\$222,907.93	\$3,424.53	(\$8,337.33)	\$0.00	\$114.71	-2.68%	
Nuveen Strategic Income Class A	\$91,460.28	\$145,010.50	\$0.00	\$5,823.88	(\$1,466.75)	\$240,827.91	\$0.00	2.09%	
AF Washington Mutual Investors A	\$118,387.56	\$0.00	\$0.00	\$0.00	(\$3,737.26)	\$114,650.30	\$1,512.12	-1.88%	
AF Growth Fund of America A	\$97,640.00	\$0.00	\$0.00	\$0.00	\$20,853.29	\$118,493.29	\$0.00	21.36%	
AF Fundamental Investors A	\$117,198.20	\$0.00	\$0.00	\$0.00	\$869.26	\$118,067.46	\$2,436.95	2.82%	
AF New Perspective A	\$46,331.29	\$0.00	\$0.00	\$0.00	\$7,440.85	\$53,772.14	\$0.00	16.06%	
AF Investment Co of Amer A	\$51,990.39	\$0.00	\$0.00	\$0.00	\$1,340.16	\$53,330.55	\$760.60	4.04%	
AF American Mutual Fund A	\$55,787.72	\$0.00	\$0.00	\$0.00	(\$1,781.82)	\$54,005.90	\$788.37	-1.78%	
AF AMCAP Fund A	\$72,136.96	\$0.00	\$0.00	\$0.00	\$6,296.14	\$78,433.10	\$1,249.99	10.46%	

# Performance Summary

Based On Dollar Weighted (IRR) Calculations

Reporting Period From 1/1/2020 To 10/7/2020

## Town Of Morris

Asset	Beginning Value	Additions	Withdrawals	Net	Reinvested	Market Gains / Losses	Ending Value	Div. Int. & Cap. Gains Paid Out	Period Return	Compound Annual Return
Account Pension Plan (B9F333956) Detail										
Lord Abnett Bond Debenture A	\$87,517.72	\$0.00	\$0.00	\$0.00	\$2,883.16	(\$768.18)	\$89,632.70	\$0.00	2.42%	
From 1/1/2020 To 10/7/2020										
AAM Unit 1907 American Renaissance Portfolio	\$58,806.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$198.00)	\$58,608.00	\$282.15	0.14%	
From 1/1/2020 To 10/7/2020										
AAM Unit 1902 Cohen & Steers Covered Call & Income Portfolio	\$41,641.20	\$0.00	\$41,781.21	\$0.00	\$0.00	\$140.01	\$0.00	\$230.40	0.89%	
From 1/1/2020 To 1/14/2020										
AAM Unit 1942 Cohen & Steers Senior Variable Rate & Income Portfolio	\$42,441.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$6,149.00)	\$36,292.00	\$2,176.66	-9.36%	
From 1/1/2020 To 10/7/2020										
AAM Unit 1926 Cohen & Steers Covered Call & Income Portfolio	\$35,430.71	\$0.00	\$35,542.95	\$0.00	\$366.76	(\$92.17)	\$162.35	\$7.44	18.34%	
From 1/1/2020 To 10/7/2020										
AAM Unit 1958 Cohen & Steers Covered Call & Income Portfolio	\$70,224.75	\$0.00	\$0.00	\$0.00	\$0.00	(\$7,124.25)	\$63,100.50	\$3,565.53	-5.07%	
From 1/1/2020 To 10/7/2020										
AAM Unit 1969 Cohen & Steers Global Covered Call & Income Portfolio	\$40,388.47	\$0.00	\$0.00	\$0.00	\$0.00	(\$7,332.31)	\$33,056.16	\$2,420.88	-12.16%	
From 1/1/2020 To 10/7/2020										
AAM Unit 1981 Dividend Strength Portfolio	\$0.00	\$99,997.00	\$0.00	\$0.00	\$1,599.67	\$16,401.73	\$117,998.40	\$0.00	18.00%	
From 4/8/2020 To 10/7/2020										
Advisors Disciplined Trust 2021 Dividend Strength Portfolio	\$0.00	\$99,997.99	\$0.00	\$0.00	\$0.00	\$5,489.00	\$105,486.99	\$536.90	6.03%	
From 7/14/2020 To 10/7/2020										

# Performance Summary

Based On Dollar Weighted (IRR) Calculations

Reporting Period From 1/1/2020 To 10/7/2020

## Town Of Morris

Asset	Beginning Value	Additions	Withdrawals	Net	Reinvested	Market Gains / Losses	Ending Value	Div. Int. & Cap. Gains Paid Out	Period Return	Compound Annual Return
Account Pension Plan (B9F333956) Detail										
AAM Unit 2021 Dividend Strength Series 2020-3 HIMCO Portfolio	\$0.00	\$69,999.82	\$0.00	\$0.00	\$160.52	(\$605.22)	\$69,555.12	\$0.00	-0.64%	
From 8/21/2020 To 10/7/2020										
Account Summary Pension Plan (B9F333956)	\$1,288,859.03	\$69,050.00	\$10.00	\$10.00	\$30,348.24	\$21,291.16	\$1,409,538.43	\$0.00	3.95%	
From 1/1/2020 To 10/7/2020										
Withdrawals include management fees of \$10.00										
Town Of Morris Summary	\$1,288,859.03	\$69,050.00	\$10.00	\$10.00	\$30,348.24	\$21,291.16	\$1,409,538.43	\$0.00	3.95%	

\* This asset's rate of return is not included in this report.

Gain (Loss) = Ending Value - Beginning Value - Net Inflow + Net Outflow. Net Additions = Additions (Purchases) - Withdrawals (Redemptions)

# Performance Summary

Based On Dollar Weighted (IRR) Calculations

Reporting Period From 1/1/2020 To 10/7/2020

## Town Of Morris

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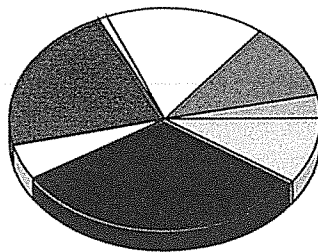
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# Sector Analysis

For Town of Morris - Fire Department



-  Covered Call Income Strategy (3%)
-  Diversified Large Cap Growth (11%)
-  Large Cap Value (17%)
-  Liquidity (1%)
-  Multi-Sector Bond (22%)
-  Senior Variable Rate Debt (5%)
-  U.S. Large Cap Blend (31%)
-  U.S. Large Cap Growth (10%)

Asset	Shares	Price	Value	As Of
<b><u>Covered Call Income Strategy</u></b>				
AAM Unit 1958 Cohen & Steers Covered Call & Income Portfolio	506.00	9.300	\$4,705.80	10/7/2020
<b>Total For Covered Call Income Strategy</b>			<b>\$4,705.80</b>	
<b><u>Diversified Large Cap Growth</u></b>				
AF New Perspective A	282.93	54.850	\$15,518.49	10/7/2020
<b>Total For Diversified Large Cap Growth</b>			<b>\$15,518.49</b>	
<b><u>Large Cap Value</u></b>				
Advisors Disciplined Trust 2021 Dividend Strength Portfolio	2,191.00	10.590	\$23,202.69	10/7/2020
<b>Total For Large Cap Value</b>			<b>\$23,202.69</b>	
<b><u>Liquidity</u></b>				
Fidelity Government Market Capital Reserves Class	1,237.66	1.000	\$1,237.66	10/7/2020
<b>Total For Liquidity</b>			<b>\$1,237.66</b>	
<b><u>Multi-Sector Bond</u></b>				
Nuveen Strategic Income Class A	2,772.49	10.960	\$30,386.48	10/7/2020
<b>Total For Multi-Sector Bond</b>			<b>\$30,386.48</b>	
<b><u>Senior Variable Rate Debt</u></b>				
AAM Unit 1942 Cohen & Steers Senior Variable Rate & Income Portfolio	850.00	8.440	\$7,174.00	10/7/2020
<b>Total For Senior Variable Rate Debt</b>			<b>\$7,174.00</b>	
<b><u>U.S. Large Cap Blend</u></b>				
AAM Unit 2021 Dividend Strength Series 2020-3 HIMCO Portfolio	280.00	10.590	\$2,965.20	10/7/2020
AF Fundamental Investors A	428.47	62.480	\$26,770.87	10/7/2020

## Sector Analysis

For Town of Morris - Fire Department

Asset	Shares	Price	Value	As Of
<b><u>U.S. Large Cap Blend</u></b>				
AF Washington Mutual Investors A	302.79	46.630	<u>\$14,119.05</u>	10/7/2020
<b>Total For U.S. Large Cap Blend</b>			<b><u>\$43,855.12</u></b>	
<b><u>U.S. Large Cap Growth</u></b>				
AF Growth Fund of America A	217.54	62.050	<u>\$13,498.17</u>	10/7/2020
<b>Total For U.S. Large Cap Growth</b>			<b><u>\$13,498.17</u></b>	
<b>Total For Town of Morris - Fire Department</b>			<b><u>\$139,578.41</u></b>	

# Sector Analysis

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For Town of Morris - Fire Department

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# Performance Summary

Based On Dollar Weighted (IRR) Calculations

Reporting Period From 1/1/2020 To 10/7/2020

## Town of Morris - Fire Department

Asset	Beginning Value	Additions	Withdrawals	Net	Reinvested	Market Gains / Losses	Ending Value	Div. Int. & Cap. Gains Paid Out	Period Return	Compound Annual Return
Account Pension Plan (B9F333964) Detail										
Account Daily Cash Balance*	\$0.00	\$60,769.75	\$60,769.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Fidelity Government Market Capital Reserves Class	\$5,421.04	\$25,762.89	\$29,948.60	\$2.33	\$0.00	\$0.00	\$1,237.66	\$0.00	0.15%	
From 1/1/2020 To 10/7/2020										
Lord Abbott Short Duration Income CI A	\$5,232.84	\$0.00	\$5,234.23	\$95.97	(\$94.58)	\$0.00	\$0.00	\$4.90	0.12%	
From 1/1/2020 To 7/13/2020										
Nuveen Strategic Income Class A	\$19,459.64	\$10,007.00	\$0.00	\$846.57	\$73.27	\$30,386.48	\$0.00	\$0.00	3.16%	
From 1/1/2020 To 10/7/2020										
AF Washington Mutual Investors A	\$14,579.29	\$0.00	\$0.00	\$0.00	(\$460.24)	\$14,119.05	\$186.21	\$0.00	-1.88%	
From 1/1/2020 To 10/7/2020										
AF Growth Fund of America A	\$11,122.67	\$0.00	\$0.00	\$0.00	\$2,375.50	\$13,498.17	\$0.00	\$0.00	21.36%	
From 1/1/2020 To 10/7/2020										
AF Fundamental Investors A	\$26,573.77	\$0.00	\$0.00	\$0.00	\$197.10	\$26,770.87	\$552.56	\$0.00	2.82%	
From 1/1/2020 To 10/7/2020										
AF New Perspective A	\$13,371.08	\$0.00	\$0.00	\$0.00	\$2,147.41	\$15,518.49	\$0.00	\$0.00	16.06%	
From 1/1/2020 To 10/7/2020										
Lord Abbott Bond Debenture A	\$14,785.12	\$0.00	\$14,550.98	\$345.06	(\$579.20)	\$0.00	\$0.00	\$18.96	-1.45%	
From 1/1/2020 To 7/13/2020										
AAM Unit 1902 Cohen & Steers Covered Call & Income Portfolio	\$5,779.20	\$0.00	\$5,769.78	\$0.00	(\$9.42)	\$0.00	\$0.00	\$31.98	0.39%	
From 1/1/2020 To 1/14/2020										

# Performance Summary

Based On Dollar Weighted (IRR) Calculations

Reporting Period From 1/1/2020 To 10/7/2020

## Town of Morris - Fire Department

Asset	Beginning Value	Additions	Withdrawals	Net	Reinvested	Market Gains / Losses	Ending Value	Div. Int. & Cap. Gains Paid Out	Period Return	Compound Annual Return
<b>Account Pension Plan (B9F333964) Detail</b>										
AAM Unit 1942 Cohen & Steers Senior Variable Rate & Income Portfolio From 1/1/2020 To 10/7/2020	\$8,389.50	\$0.00	\$0.00	\$0.00	\$0.00	(\$1,215.50)	\$7,174.00	\$430.30	-9.36%	
AAM Unit 1958 Cohen & Steers Covered Call & Income Portfolio From 1/1/2020 To 10/7/2020	\$5,237.10	\$0.00	\$0.00	\$0.00	\$0.00	(\$531.30)	\$4,705.80	\$265.90	-5.07%	
Advisors Disciplined Trust 2021 Dividend Strength Portfolio From 7/14/2020 To 10/7/2020	\$0.00	\$21,998.07	\$0.00	\$0.00	\$0.00	\$1,204.62	\$23,202.69	\$118.10	6.01%	
AAM Unit 2021 Dividend Strength Series 2020-3 HIMCO Portfolio From 8/21/2020 To 10/7/2020	\$0.00	\$2,994.79	\$0.00	\$0.00	\$0.00	(\$29.59)	\$2,965.20	\$7.25	-0.75%	
<b>Account Summary Pension Plan (B9F333964)</b>	<b>\$129,951.25</b>	<b>\$3,650.00</b>	<b>\$7.00</b>	<b>\$7.00</b>	<b>\$2,906.09</b>	<b>\$3,078.07</b>	<b>\$139,578.41</b>	<b>\$0.00</b>	<b>4.56%</b>	
From 1/1/2020 To 10/7/2020										
Withdrawals include management fees of \$7.00										
<b>Town of Morris - Fire Department Summary</b>	<b>\$129,951.25</b>	<b>\$3,650.00</b>	<b>\$7.00</b>	<b>\$7.00</b>	<b>\$2,906.09</b>	<b>\$3,078.07</b>	<b>\$139,578.41</b>	<b>\$0.00</b>	<b>4.56%</b>	

\* This asset's rate of return is not included in this report.

Gain (Loss) = Ending Value - Beginning Value - Net Inflow + Net Outflow. Net Additions = Additions (Purchases) - Withdrawals (Redemptions)

# Performance Summary

Based On Dollar Weighted (IRR) Calculations

Reporting Period From 1/1/2020 To 10/7/2020

## Town of Morris - Fire Department

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*John S. Pronovost is a Registered Representative of and offers securities through Cambridge Investment Research, Inc. a Broker/Dealer, Member FINRA/SIPC.*



Town Clerk  
OCT 15 2020

September 30, 2020

Ms. Mary Skilton  
Town of Morris  
3 East Street  
P.O. Box 66  
Morris, CT 06763

**RE: Financial Information in accordance with GASB 67 & 68**

Dear Mary:

Enclosed is the financial report for the fiscal year ending June 30, 2020 for the Town of Morris Pension Plan.

Please note that the Town has adopted a formal written contribution policy, and it is reasonable to assume that the contributions will continue to be made.

Please let me know if you have any questions.

Sincerely,

Matthew F.W. Sicilia, E.A., M.A.A.A.  
Vice President & Consulting Actuary

Enclosures

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**TPS Group**

Tel: (203) 234-2229 ■ [www.tpsgroup.com](http://www.tpsgroup.com) ■ Fax: (203) 234-8369

**The Pension Service, Inc.**

127 Washington Ave., W. Wing, North Haven, CT 06473

**The Pension Service LLC**

468 Great Road  
Acton, MA 01720  
Tel: (978) 369-2318  
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**TPSI**

270 Northpointe Pkwy., Suite 10  
Amherst, NY 14228  
Tel: (716) 839-9405  
Fax: (716) 839-9713

**The Pension Service of NNE**

869 Main St., Suite 400  
Westbrook, ME 04092  
Tel: (207) 854-1304  
Fax: (207) 854-1305





Expert Guidance and Customized Solutions since 1964

***TOWN OF MORRIS  
PENSION PLAN***

***FINANCIAL REPORT  
FOR FISCAL YEAR ENDING JUNE 30, 2020  
IN ACCORDANCE WITH GASB 67 & 68***

---

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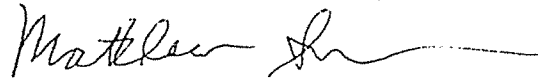
## CERTIFICATION

The financial report for the Town of Morris Pension Plan is for the fiscal year July 1, 2019 to June 30, 2020.

The results have been based on the employee census data and the financial information provided by the Town of Morris. Census and trust data have been reviewed for consistency and reasonableness in a manner consistent with applicable standards of practice. Assumptions have been selected in accordance with applicable standards of practice, unless prescribed by law or regulation.

This report was completed in accordance with generally accepted actuarial standards and procedures, and conforms to the Code of Professional Conduct of the American Academy of Actuaries. I am an Enrolled Actuary, enrolled by the Joint Board for the Enrollment of Actuaries to perform actuarial services required under the Employee Retirement Income Security Act of 1974 (ERISA). I am also a member of the American Academy of Actuaries and have met its Qualification Standards to render the actuarial opinion contained herein.

THE PENSION SERVICE, INC.

A handwritten signature in cursive script, appearing to read "Matthew Sicilia", followed by a horizontal line.

Matthew F.W. Sicilia, E.A., M.A.A.A.  
Enrolled Actuary No. 20-07224

## NET PENSION LIABILITY

Components of net pension liability in accordance with GASB No. 67	Fiscal Year Ending 6/30/2020	Fiscal Year Ending 6/30/2019
<b>Total pension liability</b>		
Total pension liability at beginning of year	\$ 1,737,028	\$ 1,765,411
Service cost	\$ 42,924	\$ 46,640
Interest cost	\$ 114,145	\$ 116,145
Changes of benefit terms	\$ -	\$ -
Differences between expected and actual experience	\$ 78,313	\$ (96,229)
Changes of assumptions	\$ (5,066)	\$ (5,437)
Benefit payments	\$ (91,994)	\$ (89,502)
Total pension liability at end of year	<u>\$ 1,875,350</u>	<u>\$ 1,737,028</u>
<b>Plan fiduciary net position</b>		
Plan fiduciary net position at beginning of year	\$ 1,166,874	\$ 1,060,188
Employer contributions	\$ 166,150	\$ 156,461
Participant contributions	\$ -	\$ -
Net investment income	\$ 23,789	\$ 45,522
Benefit payments	\$ (91,994)	\$ (89,502)
Administrative expenses	\$ (5,170)	\$ (5,795)
Other	\$ -	\$ -
Plan fiduciary net position at end of year	<u>\$ 1,259,649</u>	<u>\$ 1,166,874</u>
<b>Net pension liability</b>	<u>\$ 615,701</u>	<u>\$ 570,154</u>
<b>Plan fiduciary net position as a percentage of the total pension liability</b>	67.17%	67.18%
<b>Covered-employee payroll</b>	\$ 544,916	\$ 457,890
<b>Plan fiduciary net position as a percentage of covered-employee payroll</b>	112.99%	124.52%
<b>1-Percentage Point Increase</b>		
Total pension liability at end of year	\$ 1,703,990	\$ 1,578,429
Plan fiduciary net position at end of year	\$ 1,259,649	\$ 1,166,874
Net pension liability	<u>\$ 444,341</u>	<u>\$ 411,555</u>
<b>1-Percentage Point Decrease</b>		
Total pension liability at end of year	\$ 2,076,817	\$ 1,922,833
Plan fiduciary net position at end of year	\$ 1,259,649	\$ 1,166,874
Net pension liability	<u>\$ 817,168</u>	<u>\$ 755,959</u>

### Assumptions

See Summary of Actuarial Assumptions

## SCHEDULE OF EMPLOYER CONTRIBUTIONS

	<u>Fiscal Year Ending 6/30/2020</u>	<u>Fiscal Year Ending 6/30/2019</u>
<b>Schedule of Employer Contributions</b>		
Employer contribution	\$ 166,150	\$ 156,461
Actuarially determined contribution	\$ 93,815	\$ 71,837
Contribution excess (deficiency)	<u>\$ 72,335</u>	<u>\$ 84,624</u>
 Covered-employee payroll	 \$ 544,916	 \$ 457,890
 Contributions as a percentage of covered- employee payroll	 30.49%	 34.17%
 Money-Weighted Rate of Return	 1.87%	 3.90%

**Notes to Schedule:**

Actuarial cost method	Projected unit credit
Amortization method	Level percentage of payroll, closed
Remaining amortization period	30 years from 7/1/2016
Asset valuation method	Fair market value
Discount rate	6.75%
Inflation	2.25%
Salary increases	3.50%
Investment rate of return	6.75%
Retirement age	65
Mortality table	RP-2014 adjusted to 2006
Mortality projection scale (to valuation date)	MP-2017

## PENSION EXPENSE

Components of pension expense in accordance with GASB No. 68	Fiscal Year Ending 6/30/2020
<b>Pension expense</b>	
Service Cost	\$ 42,924
Interest on the total pension liability	\$ 114,145
Current-period benefit changes	\$ -
Expensed portion of current-period difference between expected and actual experience in the total pension liability	\$ 6,840
Expensed portion of current-period changes of assumptions	\$ (442)
Participant contributions	\$ -
Projected earnings on plan investments	\$ (75,659)
Expensed portion of current-period differences between actual and projected earnings on plan investments	\$ 10,374
Administrative expenses	\$ (5,170)
Other	\$ -
Recognition of beginning deferred outflows of resources as pension expense	\$ 109,741
Recognition of beginning deferred inflows of resources as pension expense	\$ (18,031)
Pension expense	<u>\$ 184,722</u>

### Notes to Schedule:

Actuarial cost method	Entry age normal
Asset valuation method	Fair market value
Discount rate	6.75%
Salary increases	3.50%
Investment rate of return	6.75%
Retirement age	65
Average future working life (years)	11.45
Mortality table	RP-2014 adjusted to 2006
Mortality projection scale (to valuation date)	MP-2019

## DEFERRED OUTFLOWS / INFLOWS

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
<b>Deferred Outflows / Inflows as of 6/30/2020</b>		
Differences between expected and actual experience	\$ 124,693	\$ -
Changes of assumptions	\$ 12,761	\$ -
Net difference between projected and actual earnings on plan investments	\$ 63,766	\$ -
<b>Total</b>	<u>\$ 201,220</u>	<u>\$ -</u>

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

<u>Year Ending June 30:</u>	
2021	\$46,102
2022	\$47,121
2023	\$33,007
2024	\$28,403
2025	\$15,986
Thereafter	\$30,601

**DEFERRED OUTFLOWS AND INFLOWS  
FOR DIFFERENCES BETWEEN EXPECTED AND ACTUAL EXPERIENCE**

<b>Fiscal Year Ending 6/30</b>	<b>Experience Losses</b>	<b>Experience Gains</b>	<b>Amounts Recognized in Pension Expense through 2020</b>	<b>Deferred Outflows as of 6/30/2020</b>	<b>Deferred Inflows as of 6/30/2020</b>
2020	\$78,313	\$0	\$6,840	\$71,473	\$0
2019	\$0	(\$96,229)	(\$16,576)	\$0	(\$79,653)
2018	\$114,002	\$0	\$31,434	\$82,568	\$0
2017	\$68,571	\$0	\$31,384	\$37,187	\$0
2016	\$0	(\$15,867)	(\$15,405)	\$0	(\$462)
2015	\$54,326	\$0	\$40,746	\$13,580	\$0
<b>Total</b>				<b>\$204,808</b>	<b>(\$80,115)</b>

<b>Fiscal Year Ending 6/30</b>	<b>2015 (Gain) / Loss: Amount Recognized</b>	<b>2016 (Gain) / Loss: Amount Recognized</b>	<b>2017 (Gain) / Loss: Amount Recognized</b>	<b>2018 (Gain) / Loss: Amount Recognized</b>	<b>2019 (Gain) / Loss: Amount Recognized</b>
2015 - 2019	\$33,955	(\$12,324)	\$23,538	\$20,956	(\$8,288)
2020	\$6,791	(\$3,081)	\$7,846	\$10,478	(\$8,288)
2021	\$6,791	(\$462)	\$7,846	\$10,478	(\$8,288)
2022	\$6,789	\$0	\$7,846	\$10,478	(\$8,288)
2023	\$0	\$0	\$7,846	\$10,478	(\$8,288)
2024	\$0	\$0	\$7,846	\$10,478	(\$8,288)
2025	\$0	\$0	\$5,803	\$10,478	(\$8,288)
Thereafter	\$0	\$0	\$0	\$30,178	(\$38,213)

<b>Fiscal Year Ending 6/30</b>	<b>2020 (Gain) / Loss: Amount Recognized</b>
2015 - 2019	\$0
2020	\$6,840
2021	\$6,840
2022	\$6,840
2023	\$6,840
2024	\$6,840
2025	\$6,840
Thereafter	\$37,273



**DEFERRED OUTFLOWS AND INFLOWS  
FOR DIFFERENCES FROM ASSUMPTION CHANGES**

<b>Fiscal Year Ending 6/30</b>	<b>Experience Losses</b>	<b>Experience Gains</b>	<b>Amounts Recognized in Pension Expense through 2020</b>	<b>Deferred Outflows as of 6/30/2020</b>	<b>Deferred Inflows as of 6/30/2020</b>
2020	\$0	(\$5,066)	(\$442)	\$0	(\$4,624)
2019	\$0	(\$5,437)	(\$936)	\$0	(\$4,501)
2018	\$22,442	\$0	\$6,189	\$16,253	\$0
2017	\$0	\$0	\$0	\$0	\$0
2016	\$193,463	\$0	\$187,830	\$5,633	\$0
2015	\$0	\$0	\$0	\$0	\$0
<b>Total</b>				<b>\$21,886</b>	<b>(\$9,125)</b>

<b>Fiscal Year Ending 6/30</b>	<b>2015 (Gain) / Loss: Amount Recognized</b>	<b>2016 (Gain) / Loss: Amount Recognized</b>	<b>2017 (Gain) / Loss: Amount Recognized</b>	<b>2018 (Gain) / Loss: Amount Recognized</b>	<b>2019 (Gain) / Loss: Amount Recognized</b>
2015 - 2019	\$0	\$150,264	\$0	\$4,126	(\$468)
2020	\$0	\$37,566	\$0	\$2,063	(\$468)
2021	\$0	\$5,633	\$0	\$2,063	(\$468)
2022	\$0	\$0	\$0	\$2,063	(\$468)
2023	\$0	\$0	\$0	\$2,063	(\$468)
2024	\$0	\$0	\$0	\$2,063	(\$468)
2025	\$0	\$0	\$0	\$2,063	(\$468)
Thereafter	\$0	\$0	\$0	\$5,938	(\$2,161)

<b>Fiscal Year Ending 6/30</b>	<b>2020 (Gain) / Loss: Amount Recognized</b>
2015 - 2019	\$0
2020	(\$442)
2021	(\$442)
2022	(\$442)
2023	(\$442)
2024	(\$442)
2025	(\$442)
Thereafter	(\$2,414)

**DEFERRED OUTFLOWS AND INFLOWS  
FOR DIFFERENCES FROM INVESTMENT EXPERIENCE**

<b>Fiscal Year Ending 6/30</b>	<b>Experience Losses</b>	<b>Experience Gains</b>	<b>Amounts Recognized in Pension Expense through 2020</b>	<b>Deferred Outflows as of 6/30/2020</b>	<b>Deferred Inflows as of 6/30/2020</b>
2020	\$51,870	\$0	\$10,374	\$41,496	\$0
2019	\$23,020	\$0	\$9,208	\$13,812	\$0
2018	\$36,633	\$0	\$21,981	\$14,652	\$0
2017	\$0	(\$30,970)	(\$24,776)	\$0	(\$6,194)
2016	\$76,765	\$0	\$76,765	\$0	\$0
<b>Total</b>				\$69,960	(\$6,194)

<b>Fiscal Year Ending 6/30</b>	<b>2016 (Gain) / Loss: Amount Recognized</b>	<b>2017 (Gain) / Loss: Amount Recognized</b>	<b>2018 (Gain) / Loss: Amount Recognized</b>	<b>2019 (Gain) / Loss: Amount Recognized</b>	<b>2020 (Gain) / Loss: Amount Recognized</b>
2015	\$0	\$0	\$0	\$0	\$0
2016	\$15,353	\$0	\$0	\$0	\$0
2017	\$15,353	(\$6,194)	\$0	\$0	\$0
2018	\$15,353	(\$6,194)	\$7,327	\$0	\$0
2019	\$15,353	(\$6,194)	\$7,327	\$4,604	\$0
2020	\$15,353	(\$6,194)	\$7,327	\$4,604	\$10,374
2021	\$0	(\$6,194)	\$7,327	\$4,604	\$10,374
2022	\$0	\$0	\$7,325	\$4,604	\$10,374
2023	\$0	\$0	\$0	\$4,604	\$10,374
2024	\$0	\$0	\$0	\$0	\$10,374

**SUMMARY OF PARTICIPANT DATA**

<b>Participant Breakdown</b>	<b><u>July 1, 2020</u></b>	<b><u>July 1, 2019</u></b>
Actives	10	9
Terminated Vested	3	4
Retirees and Beneficiaries	<u>9</u>	<u>8</u>
Total	22	21

## SUMMARY OF ACTUARIAL ASSUMPTIONS

<u>Actuarial Cost Method:</u>	Entry Age Normal
<u>Market-Related Assets:</u>	Fair market value of assets
<u>Data:</u>	As of July 1, 2020
<u>Discount Rate:</u>	6.75%
<u>Long Term Rate of Return:</u>	6.75%
<u>20-Year Municipal Bond:</u>	
<u>Index:</u>	S&P Municipal Bond 20-Year High Grade Rate
<u>Rate as of 6/30/2019:</u>	2.66%
<u>Salary Increases:</u>	3.50%
<u>Inflation:</u>	2.00%
<u>Pre- and Post-Retirement Mortality:</u>	RP-2014 (adjusted) with MP-2019 mortality improvements (previously, MP-2018)
<u>Retirement Rates:</u>	Age 65, or attained age if greater
<u>Withdrawal Rates:</u>	T-5 table from the Pension Actuary's Handbook
<u>Disability Rates:</u>	None assumed
<u>Form of Payment:</u>	Life annuity

## SUMMARY OF PLAN PROVISIONS

**Effective Date:** July 1, 1975.

**Eligibility:** Completion of one full year of Credited Service.

**Credited Service:** The period of continuous service calculated on the basis of full calendar months of service.

**Final Average Pay:** The average of the three highest years of compensation preceding retirement.

**Accrued Benefit:** Same as Normal Retirement Benefit, based on Final Average Pay and years of Credited Service at date of determination.

### **Normal Retirement:**

**Eligibility:** Attainment of age 65.

**Benefit:** 1.6% of Final Average Pay times years of Credited Service.

### **Early Retirement:**

**Eligibility:** Attainment of age 45 with at least 10 years of Credited Service.

**Benefit:** Accrued Benefit, reduced 6.6% for each of the first 5 years and 3% for each of the next 5 years early retirement precedes normal retirement date.

### **Vested Termination:**

Percentage of Accrued Benefit (payable at Normal Retirement Date), based on the following schedule:

<u>Full Years of Credited Service</u>	<u>Percentage</u>
Less than 5 years	0%
5 years or more	100%

### **Normal Form of Annuity:**

Life annuity.

### **Optional Forms of Annuity:**

- 1) Life annuity with 10 years guaranteed
- 2) 100% joint & survivor annuity



Town Clerk  
OCT 15 2020

September 30, 2020

Ms. Mary Skilton  
Town of Morris  
3 East Street  
P.O. Box 66  
Morris, CT 06763

*RE: Town of Morris Pension Plan*

Dear Mary:

Enclosed is the actuarial valuation report for the Pension Plan as of July 1, 2020. The actuarially determined contribution is \$94,185, which is applicable to the fiscal year ending June 30, 2022.

Please review and let me know if you have any questions.

Sincerely,

Matthew F.W. Sicilia, E.A., M.A.A.A.  
Vice President & Consulting Actuary

Enclosures

---

*TPS Group*

Tel: (203) 234-2229 ■ [www.tpsgroup.com](http://www.tpsgroup.com) ■ Fax: (203) 234-8369

**The Pension Service, Inc.**

127 Washington Ave., W. Wing, North Haven, CT 06473

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**ACTUARIAL REPORT**

**FOR**

**TOWN OF MORRIS  
PENSION PLAN**

**AS OF  
JULY 1, 2020**

**APPLICABLE TO THE  
FISCAL YEAR ENDING  
JUNE 30, 2022**

---

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## INTRODUCTION

This section of the report presents a summary of the valuation results. It also highlights any changes in actuarial assumptions or plan provisions from last year.

<u>Summary of Valuation Results:</u>	Actuarial Valuation as of July 1,	
	<u>2020</u>	<u>2019</u>
Applicable Fiscal Year Ending	June 30, 2022	June 30, 2021
Actuarially Determined Contribution	\$ 94,185	\$ 84,523
Market Value of Assets	\$ 1,259,649	\$ 1,166,874
Total Number of Participants	22	21
Covered Payroll	\$ 544,916	\$ 457,890
Contribution as Percentage of Covered Payroll	17.3%	18.5%

### Changes Since Last Year:

The mortality improvements table was updated to a newer table.

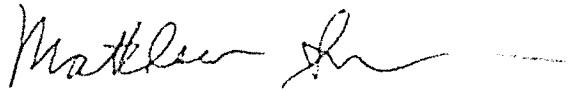
## CERTIFICATION

The figures in this actuarial valuation report for the Town of Morris Pension Plan are determined as of July 1, 2020 and are applicable for the fiscal year ending June 30, 2022.

The results have been based on the employee census data and the financial information provided by the Town of Morris. Census and trust data have been reviewed for consistency and reasonableness in a manner consistent with applicable standards of practice. Assumptions have been selected in accordance with applicable standards of practice, unless prescribed by law or regulation.

This report was completed in accordance with generally accepted actuarial standards and procedures, and conforms to the Code of Professional Conduct of the American Academy of Actuaries. I am an Enrolled Actuary, enrolled by the Joint Board for the Enrollment of Actuaries to perform actuarial services required under the Employee Retirement Income Security Act of 1974 (ERISA). I am also a member of the American Academy of Actuaries and have met its Qualification Standards to render the actuarial opinion contained herein.

THE PENSION SERVICE, INC.

A handwritten signature in black ink, appearing to read "Matthew Sicilia", followed by a horizontal line.

Matthew F.W. Sicilia, E.A., M.A.A.A.  
Enrolled Actuary No. 20-07224

**ACTUARIALLY DETERMINED CONTRIBUTION**

A) Normal Cost	\$ 50,572
B) Unfunded Accrued Liability	\$ 527,885
C) Amortization of Unfunded Accrued Liability*	\$ 43,613
<b>D) Actuarially Determined Contribution: [(A) + (C)]</b>	<b>\$ 94,185</b>

\* 30 years from July 1, 2016.

## UNFUNDED ACCRUED LIABILITY

A) Assets:

Market Value of Assets as of June 30, 2020	\$ 1,259,649
--	--------------

B) Liabilities:

Accrued Liability as of July 1, 2020:

1) Active Participants	\$ 620,837
2) Terminated Vested Participants	\$ 260,355
3) Retired Participants and Beneficiaries	<u>\$ 906,342</u>
4) Total	\$ 1,787,534

C) Unfunded Accrued Liability:

Unfunded Accrued Liability: $[(B)(4) - (A)]$ , not less than zero	\$ 527,885
---	------------

DATA RECONCILIATION

	<u>Active Participants</u>	<u>Terminated Participants</u>	<u>Retirees and Beneficiaries</u>	<u>All Participants</u>
1) As of July 1, 2019	9	4	8	21
2) Terminated				
a) With Vested Benefits	0	--	--	0
b) Without Vested Benefits	0	--	--	0
3) Died				
a) With Eligible Beneficiary	0	0	0	0
b) Without Eligible Beneficiary	0	0	0	0
4) Disabled	0	--	--	0
5) Retired	0	(1)	--	(1)
6) Received Lump Sum Payment	0	0	0	0
7) New Entrants to Valuation Group	1	0	1	2
8) Data Adjustments	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
9) As of July 1, 2020	10	3	9	22

### ASSET RECONCILIATION

1) Market Value of Assets as of July 1, 2019	\$ 1,166,874
2) Contributions	\$ 166,150
3) Benefit Payments and Administrative Expenses	\$ 97,164
4) Market Value of Assets as of June 30, 2020	\$ 1,259,649
5) Net Increase in Assets: $[(4) - (1) - (2) + (3)]$	\$ 23,789
6) Approximate Asset Return: $[(2) \times (5)] / [(1) + (4) - (5)]$	1.98%

## SUMMARY OF ACTUARIAL ASSUMPTIONS

<u>Actuarial Cost Method:</u>	Projected unit credit
<u>Market-Related Assets:</u>	Market value of assets
<u>Data:</u>	As of July 1, 2020
<u>Interest Rate:</u>	6.75%
<u>Long Term Rate of Return:</u>	6.75%
<u>Salary Increases:</u>	3.50%
<u>Pre- and Post-Retirement Mortality:</u>	RP-2014 (adjusted) with MP-2019 mortality improvements (previously, MP-2018)
<u>Retirement Rates:</u>	Age 65, or attained age if greater
<u>Withdrawal Rates:</u>	T-5 table from the Pension Actuary's Handbook
<u>Disability Rates:</u>	None assumed
<u>Form of Payment:</u>	Life annuity

## SUMMARY OF PLAN PROVISIONS

<u>Effective Date:</u>	July 1, 1975.						
<u>Eligibility:</u>	Completion of one full year of Credited Service.						
<u>Credited Service:</u>	The period of continuous service calculated on the basis of full calendar months of service.						
<u>Final Average Pay:</u>	The average of the three highest years of compensation preceding retirement.						
<u>Accrued Benefit:</u>	Same as Normal Retirement Benefit, based on Final Average Pay and years of Credited Service at date of determination.						
<u>Normal Retirement:</u>							
<u>Eligibility:</u>	Attainment of age 65.						
<u>Benefit:</u>	1.6% of Final Average Pay times years of Credited Service.						
<u>Early Retirement:</u>							
<u>Eligibility:</u>	Attainment of age 45 with at least 10 years of Credited Service.						
<u>Benefit:</u>	Accrued Benefit, reduced 6.6% for each of the first 5 years and 3% for each of the next 5 years early retirement precedes normal retirement date.						
<u>Vested Termination:</u>	Percentage of Accrued Benefit (payable at Normal Retirement Date), based on the following schedule:						
	<table><tr><td><u>Full Years of Credited Service</u></td><td><u>Percentage</u></td></tr><tr><td>Less than 5 years</td><td>0%</td></tr><tr><td>5 years or more</td><td>100%</td></tr></table>	<u>Full Years of Credited Service</u>	<u>Percentage</u>	Less than 5 years	0%	5 years or more	100%
<u>Full Years of Credited Service</u>	<u>Percentage</u>						
Less than 5 years	0%						
5 years or more	100%						
<u>Normal Form of Annuity:</u>	Life annuity.						
<u>Optional Forms of Annuity:</u>	1) Life annuity with 10 years guaranteed. 2) 100% joint & survivor annuity.						





Town Clerk

OCT 15 2020

September 30, 2020

Ms. Mary Skilton  
Town of Morris  
3 East Street  
P.O. Box 66  
Morris, CT 06763

**RE: Financial Information in accordance with GASB 67 & 68**

Dear Mary:

Enclosed is the financial report for the fiscal year ending June 30, 2020 for the Town of Morris Volunteer Fire Department Pension Plan.

Please note that the Town has adopted a formal written contribution policy, and it is reasonable to assume that the contributions will continue to be made.

Please let me know if you have any questions.

Sincerely,

Matthew F.W. Sicilia, E.A., M.A.A.A.  
Vice President & Consulting Actuary

Enclosures

---

*TPS Group*

Tel: (203) 234-2229 ■ [www.tpsgroup.com](http://www.tpsgroup.com) ■ Fax: (203) 234-8369

**The Pension Service, Inc.**

127 Washington Ave., W. Wing, North Haven, CT 06473

**The Pension Service LLC**

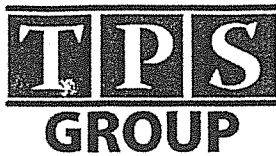
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**TOWN OF MORRIS  
VOLUNTEER FIRE DEPARTMENT  
PENSION PLAN**

**FINANCIAL REPORT  
FOR FISCAL YEAR ENDING JUNE 30, 2020  
IN ACCORDANCE WITH GASB 67 & 68**

---

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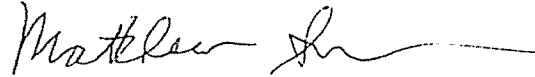
## CERTIFICATION

The financial report for the Town of Morris Volunteer Fire Department Pension Plan is for the fiscal year July 1, 2019 to June 30, 2020.

The results have been based on the employee census data and the financial information provided by the Town of Morris. Census and trust data have been reviewed for consistency and reasonableness in a manner consistent with applicable standards of practice. Assumptions have been selected in accordance with applicable standards of practice, unless prescribed by law or regulation.

This report was completed in accordance with generally accepted actuarial standards and procedures, and conforms to the Code of Professional Conduct of the American Academy of Actuaries. I am an Enrolled Actuary, enrolled by the Joint Board for the Enrollment of Actuaries to perform actuarial services required under the Employee Retirement Income Security Act of 1974 (ERISA). I am also a member of the American Academy of Actuaries and have met its Qualification Standards to render the actuarial opinion contained herein.

THE PENSION SERVICE, INC.

A handwritten signature in black ink, appearing to read "Matthew Sicilia", followed by a long horizontal flourish line.

Matthew F.W. Sicilia, E.A., M.A.A.A.  
Enrolled Actuary No. 20-07224

## NET PENSION LIABILITY

	Fiscal Year Ending 6/30/2020	Fiscal Year Ending 6/30/2019
<b>Components of net pension liability in accordance with GASB No. 67</b>		
<b>Total pension liability</b>		
Total pension liability at beginning of year	\$ 166,269	\$ 173,789
Service cost	\$ -	\$ -
Interest cost	\$ 10,912	\$ 11,306
Changes of benefit terms	\$ -	\$ -
Differences between expected and actual experience	\$ (11,347)	\$ (5,710)
Changes of assumptions	\$ (489)	\$ (538)
Benefit payments	\$ (9,232)	\$ (12,578)
Total pension liability at end of year	<u>\$ 156,113</u>	<u>\$ 166,269</u>
<b>Plan fiduciary net position</b>		
Plan fiduciary net position at beginning of year	\$ 121,490	\$ 110,681
Employer contributions	\$ 18,950	\$ 24,815
Participant contributions	\$ -	\$ -
Net investment income	\$ 3,478	\$ 4,786
Benefit payments	\$ (9,232)	\$ (12,578)
Administrative expenses	\$ (4,935)	\$ (6,214)
Other	\$ -	\$ -
Plan fiduciary net position at end of year	<u>\$ 129,751</u>	<u>\$ 121,490</u>
<b>Net pension liability</b>	<u>\$ 26,362</u>	<u>\$ 44,779</u>
<b>Plan fiduciary net position as a percentage of the total pension liability</b>	83.11%	73.07%
<b>1-Percentage Point Increase</b>		
Total pension liability at end of year	\$ 139,711	\$ 148,820
Plan fiduciary net position at end of year	\$ 129,751	\$ 121,490
Net pension liability	<u>\$ 9,960</u>	<u>\$ 27,330</u>
<b>1-Percentage Point Decrease</b>		
Total pension liability at end of year	\$ 176,049	\$ 187,495
Plan fiduciary net position at end of year	\$ 129,751	\$ 121,490
Net pension liability	<u>\$ 46,298</u>	<u>\$ 66,005</u>

### Assumptions

See Summary of Actuarial Assumptions

## SCHEDULE OF EMPLOYER CONTRIBUTIONS

	<u>Fiscal Year Ending 6/30/2020</u>	<u>Fiscal Year Ending 6/30/2019</u>
<b>Schedule of Employer Contributions</b>		
Employer contribution	\$ 18,950	\$ 24,815
Actuarially determined contribution	\$ 5,075	\$ 6,815
<b>Contribution excess (deficiency)</b>	<u>\$ 13,875</u>	<u>\$ 18,000</u>
 <b>Money-Weighted Rate of Return</b>	 2.63%	 4.03%

**Notes to Schedule:**

Actuarial cost method	Unit credit
Amortization method	Level percentage of payroll, closed
Remaining amortization period	30 years from 7/1/2016
Asset valuation method	Fair market value
Discount rate	6.75%
Inflation	2.25%
Salary increases	N/A
Investment rate of return	6.75%
Retirement age	65
Mortality table	RP-2014 adjusted to 2006
Mortality projection scale (to valuation date)	MP-2017

## PENSION EXPENSE

Components of pension expense in accordance with GASB No. 68	<u>Fiscal Year Ending 6/30/2020</u>
<b>Pension expense</b>	
Service Cost	\$ -
Interest on the total pension liability	\$ 10,912
Current-period benefit changes	\$ -
Expensed portion of current-period difference between expected and actual experience in the total pension liability	\$ (384)
Expensed portion of current-period changes of assumptions	\$ (17)
Participant contributions	\$ -
Projected earnings on plan investments	\$ (7,889)
Expensed portion of current-period differences between actual and projected earnings on plan investments	\$ 882
Administrative expenses	\$ (4,935)
Other	\$ -
Recognition of beginning deferred outflows of resources as pension expense	\$ 12,428
Recognition of beginning deferred inflows of resources as pension expense	\$ (2,406)
Pension expense	<u>\$ 8,591</u>

### Notes to Schedule:

Actuarial cost method	Entry age normal
Asset valuation method	Fair market value
Discount rate	6.75%
Salary increases	N/A
Investment rate of return	6.75%
Retirement age	65
Average life expectancy (no actives)	29.54
Mortality table	RP-2014 adjusted to 2006
Mortality projection scale (to valuation date)	MP-2019

## DEFERRED OUTFLOWS / INFLOWS

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
<b>Deferred Outflows / Inflows as of 6/30/2020</b>		
Differences between expected and actual experience	\$ -	\$ (35,525)
Changes of assumptions	\$ 22,388	\$ -
Net difference between projected and actual earnings on plan investments	\$ 9,927	\$ -
<b>Total</b>	<u><u>\$ 32,315</u></u>	<u><u>\$ (35,525)</u></u>

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

<u>Year Ending June 30:</u>	
2021	\$5,125
2022	\$4,671
2023	\$2,377
2024	\$1,926
2025	\$1,043
Thereafter	(\$18,352)



**DEFERRED OUTFLOWS AND INFLOWS**  
**FOR DIFFERENCES BETWEEN EXPECTED AND ACTUAL EXPERIENCE**

<b>Fiscal Year Ending 6/30</b>	<b>Experience Losses</b>	<b>Experience Gains</b>	<b>Amounts Recognized in Pension Expense through 2020</b>	<b>Deferred Outflows as of 6/30/2020</b>	<b>Deferred Inflows as of 6/30/2020</b>
2020	\$0	(\$11,347)	(\$384)	\$0	(\$10,963)
2019	\$0	(\$5,710)	(\$378)	\$0	(\$5,332)
2018	\$0	(\$12,456)	(\$1,368)	\$0	(\$11,088)
2017	\$5,686	\$0	\$2,072	\$3,614	\$0
2016	\$0	(\$19,162)	(\$8,375)	\$0	(\$10,787)
2015	\$0	(\$1,377)	(\$408)	\$0	(\$969)
<b>Total</b>				<b>\$3,614</b>	<b>(\$39,139)</b>

<b>Fiscal Year Ending 6/30</b>	<b>2015 (Gain) / Loss: Amount Recognized</b>	<b>2016 (Gain) / Loss: Amount Recognized</b>	<b>2017 (Gain) / Loss: Amount Recognized</b>	<b>2018 (Gain) / Loss: Amount Recognized</b>	<b>2019 (Gain) / Loss: Amount Recognized</b>
2015 - 2019	(\$340)	(\$6,700)	\$1,554	(\$912)	(\$189)
2020	(\$68)	(\$1,675)	\$518	(\$456)	(\$189)
2021	(\$68)	(\$1,675)	\$518	(\$456)	(\$189)
2022	(\$68)	(\$1,675)	\$518	(\$456)	(\$189)
2023	(\$68)	(\$1,675)	\$518	(\$456)	(\$189)
2024	(\$68)	(\$1,675)	\$518	(\$456)	(\$189)
2025	(\$68)	(\$1,675)	\$518	(\$456)	(\$189)
Thereafter	(\$629)	(\$2,412)	\$1,024	(\$8,808)	(\$4,387)

<b>Fiscal Year Ending 6/30</b>	<b>2020 (Gain) / Loss: Amount Recognized</b>
2015 - 2019	\$0
2020	(\$384)
2021	(\$384)
2022	(\$384)
2023	(\$384)
2024	(\$384)
2025	(\$384)
Thereafter	(\$9,043)

**DEFERRED OUTFLOWS AND INFLOWS  
FOR DIFFERENCES FROM ASSUMPTION CHANGES**

<b>Fiscal Year Ending 6/30</b>	<b>Experience Losses</b>	<b>Experience Gains</b>	<b>Amounts Recognized in Pension Expense through 2020</b>	<b>Deferred Outflows as of 6/30/2020</b>	<b>Deferred Inflows as of 6/30/2020</b>
2020	\$0	(\$489)	(\$17)	\$0	(\$472)
2019	\$0	(\$538)	(\$36)	\$0	(\$502)
2018	\$2,899	\$0	\$318	\$2,581	\$0
2017	\$0	\$0	\$0	\$0	\$0
2016	\$36,911	\$0	\$16,130	\$20,781	\$0
2015	\$0	\$0	\$0	\$0	\$0
<b>Total</b>				<b>\$23,362</b>	<b>(\$974)</b>

<b>Fiscal Year Ending 6/30</b>	<b>2015 (Gain) / Loss: Amount Recognized</b>	<b>2016 (Gain) / Loss: Amount Recognized</b>	<b>2017 (Gain) / Loss: Amount Recognized</b>	<b>2018 (Gain) / Loss: Amount Recognized</b>	<b>2019 (Gain) / Loss: Amount Recognized</b>
2015 - 2019	\$0	\$12,904	\$0	\$212	(\$18)
2020	\$0	\$3,226	\$0	\$106	(\$18)
2021	\$0	\$3,226	\$0	\$106	(\$18)
2022	\$0	\$3,226	\$0	\$106	(\$18)
2023	\$0	\$3,226	\$0	\$106	(\$18)
2024	\$0	\$3,226	\$0	\$106	(\$18)
2025	\$0	\$3,226	\$0	\$106	(\$18)
Thereafter	\$0	\$4,651	\$0	\$2,051	(\$412)

<b>Fiscal Year Ending 6/30</b>	<b>2020 (Gain) / Loss: Amount Recognized</b>
2015 - 2019	\$0
2020	(\$17)
2021	(\$17)
2022	(\$17)
2023	(\$17)
2024	(\$17)
2025	(\$17)
Thereafter	(\$387)

**DEFERRED OUTFLOWS AND INFLOWS  
FOR DIFFERENCES FROM INVESTMENT EXPERIENCE**

<b>Fiscal Year Ending 6/30</b>	<b>Experience Losses</b>	<b>Experience Gains</b>	<b>Amounts Recognized in Pension Expense through 2020</b>	<b>Deferred Outflows as of 6/30/2020</b>	<b>Deferred Inflows as of 6/30/2020</b>
2020	\$4,411	\$0	\$882	\$3,529	\$0
2019	\$2,260	\$0	\$904	\$1,356	\$0
2018	\$11,462	\$0	\$6,876	\$4,586	\$0
2017	\$2,288	\$0	\$1,832	\$456	\$0
2016	\$11,743	\$0	\$11,743	\$0	\$0
<b>Total</b>				<b>\$9,927</b>	<b>\$0</b>

<b>Fiscal Year Ending 6/30</b>	<b>2016 (Gain) / Loss: Amount Recognized</b>	<b>2017 (Gain) / Loss: Amount Recognized</b>	<b>2018 (Gain) / Loss: Amount Recognized</b>	<b>2019 (Gain) / Loss: Amount Recognized</b>	<b>2020 (Gain) / Loss: Amount Recognized</b>
2015	\$0	\$0	\$0	\$0	\$0
2016	\$2,349	\$0	\$0	\$0	\$0
2017	\$2,349	\$458	\$0	\$0	\$0
2018	\$2,349	\$458	\$2,292	\$0	\$0
2019	\$2,349	\$458	\$2,292	\$452	\$0
2020	\$2,347	\$458	\$2,292	\$452	\$882
2021	\$0	\$456	\$2,292	\$452	\$882
2022	\$0	\$0	\$2,294	\$452	\$882
2023	\$0	\$0	\$0	\$452	\$882
2024	\$0	\$0	\$0	\$0	\$883

**SUMMARY OF PARTICIPANT DATA**

<b>Participant Breakdown</b>	<b><u>July 1, 2020</u></b>	<b><u>July 1, 2019</u></b>
Actives	0	0
Terminated Vested	24	24
Retirees and Beneficiaries	<u>9</u>	<u>10</u>
Total	33	34

## SUMMARY OF ACTUARIAL ASSUMPTIONS

<u>Actuarial Cost Method:</u>	Entry Age Normal
<u>Market-Related Assets:</u>	Fair market value of assets
<u>Data:</u>	As of July 1, 2020
<u>Discount Rate:</u>	6.75%
<u>Long Term Rate of Return:</u>	6.75%
<u>20-Year Municipal Bond:</u>	
<u>Index:</u>	S&P Municipal Bond 20-Year High Grade Rate
<u>Rate as of 6/30/2019:</u>	2.66%
<u>Salary Increases:</u>	Not applicable
<u>Inflation:</u>	2.00%
<u>Pre- and Post-Retirement Mortality:</u>	RP-2014 (adjusted) with MP-2019 mortality improvements (previously, MP-2018)
<u>Retirement Rates:</u>	Age 65 with 5 years of service
<u>Withdrawal Rates:</u>	T-5 table from the Pension Actuary's Handbook
<u>Disability Rates:</u>	None assumed
<u>Form of Payment:</u>	Life annuity

## SUMMARY OF PLAN PROVISIONS

**Effective Date:** July 1, 1994.

**Eligibility:** The July 1<sup>st</sup> next following attainment of age 18 and 12 consecutive months of service during which at least 100 points are credited.

**Credited Service:** A Plan Year in which a member is credited with at least 100 points.

### **Normal Retirement:**

**Eligibility:** Attainment of age 65 and completion of five (5) years of active service.

**Benefit:** Monthly retirement benefit shall be the sum of the following:

- (i) Past Service: \$5.00 per month for each year of Credited Service from July 1, 1984 to July 1, 1994.
- (ii) Future Service: \$5.00 per month for each year of Credited Service subsequent to July 1, 1994.
- (iii) No participant shall accrue more than \$150 per month from combined past and future credited service.

### **Disability Date and Benefits:**

The date upon which the participant incurs a disability provided he/she has attained age 55, and has completed 5 years of Credited Service (non-consecutive). The benefit shall be reduced by 1/15 for the first 5 years and 1/30 for the next 5 years that disability retirement precedes Normal Retirement.

**Vested Termination:** Accrued benefit based on the following schedule:

<u>Full Years of Credited Service</u>	<u>Percentage</u>
Less than 5 years	0%
5 years or more	100%

### **Normal Form of Annuity:**

Life Annuity.

### **Optional Forms of Annuity:**

- 1) Life annuity with 10 years guaranteed
- 2) 50% joint & survivor annuity
- 3) 100% joint & survivor annuity



Expert Guidance and Customized Solutions since 1964

September 30, 2020

Town Clerk

OCT 15 2020

Ms. Mary Skilton  
Town of Morris  
3 East Street  
P.O. Box 66  
Morris, CT 06763

**RE: Town of Morris Volunteer Fire Department Pension Plan**

Dear Mary:

Enclosed is the actuarial valuation report for the Pension Plan as of July 1, 2020. The actuarially determined contribution is \$2,178, which is applicable to the fiscal year ending June 30, 2022.

Please review and let me know if you have any questions.

Sincerely,

Matthew F.W. Sicilia, E.A., M.A.A.A.  
Vice President & Consulting Actuary

Enclosures

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**TPS Group**

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**The Pension Service, Inc.**

127 Washington Ave., W. Wing, North Haven, CT 06473

**The Pension Service LLC**

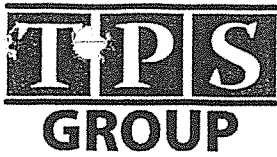
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**ACTUARIAL REPORT**  
**FOR**  
**TOWN OF MORRIS**  
**VOLUNTEER FIRE DEPARTMENT**  
**PENSION PLAN**

**AS OF**  
**JULY 1, 2020**

**APPLICABLE TO THE**  
**FISCAL YEAR ENDING**  
**JUNE 30, 2022**

---

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## INTRODUCTION

This section of the report presents a summary of the valuation results. It also highlights any changes in actuarial assumptions or plan provisions from last year.

<u>Summary of Valuation Results:</u>	<u>Actuarial Valuation as of July 1,</u>	
	<u>2020</u>	<u>2019</u>
Applicable Fiscal Year Ending	June 30, 2022	June 30, 2021
Actuarially Determined Contribution	\$ 2,178	\$ 3,648
Market Value of Assets	\$ 129,751	\$ 122,390
Total Number of Participants	33	34

### Changes Since Last Year:

The mortality improvements table was updated to a newer table.

## CERTIFICATION

The figures in this actuarial valuation report for the Town of Morris Volunteer Fire Department Pension Plan are determined as of July 1, 2020 and are applicable for the fiscal year ending June 30, 2022.

The results have been based on the employee census data and the financial information provided by the Town of Morris. Census and trust data have been reviewed for consistency and reasonableness in a manner consistent with applicable standards of practice. Assumptions have been selected in accordance with applicable standards of practice, unless prescribed by law or regulation.

This report was completed in accordance with generally accepted actuarial standards and procedures, and conforms to the Code of Professional Conduct of the American Academy of Actuaries. I am an Enrolled Actuary, enrolled by the Joint Board for the Enrollment of Actuaries to perform actuarial services required under the Employee Retirement Income Security Act of 1974 (ERISA). I am also a member of the American Academy of Actuaries and have met its Qualification Standards to render the actuarial opinion contained herein.

THE PENSION SERVICE, INC.

A handwritten signature in dark ink, appearing to read "Matthew Sicilia", with a stylized flourish at the end.

Matthew F.W. Sicilia, E.A., M.A.A.A.  
Enrolled Actuary No. 20-07224

**ACTUARIALLY DETERMINED CONTRIBUTION**

A) Normal Cost	\$	0
B) Unfunded Accrued Liability	\$	26,362
C) Amortization of Unfunded Accrued Liability*	\$	2,178
<b>D) Actuarially Determined Contribution: [(A) + (C)]</b>	<b>\$</b>	<b>2,178</b>

\* 30 years from July 1, 2016.

## UNFUNDED ACCRUED LIABILITY

A) Assets:

Market Value of Assets as of June 30, 2020	\$ 129,751
--	------------

B) Liabilities:

Accrued Liability as of July 1, 2020:

1) Active Participants	\$ 0
2) Terminated Vested Participants	\$ 83,723
3) Retired Participants and Beneficiaries	<u>\$ 72,390</u>
4) Total	\$ 156,113

C) Unfunded Accrued Liability:

Unfunded Accrued Liability: [(B)(4) – (A)], not less than zero	\$ 26,362
--	-----------

# DATA RECONCILIATION

	<u>Active Participants</u>	<u>Terminated Participants</u>	<u>Retirees and Beneficiaries</u>	<u>All Participants</u>
1) As of July 1, 2019	0	24	10	34
2) Terminated				
a) With Vested Benefits	0	--	--	0
b) Without Vested Benefits	0	--	--	0
3) Died				
a) With Eligible Beneficiary	0	0	(1)	(1)
b) Without Eligible Beneficiary	0	0	(1)	(1)
4) Disabled	0	--	--	0
5) Retired	0	0	--	0
6) Received Lump Sum Payment	0	0	0	0
7) New Entrants to Valuation Group	0	0	1	1
8) Data Adjustments	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
9) As of July 1, 2020	0	24	9	33

### ASSET RECONCILIATION

1) Market Value of Assets as of July 1, 2019	\$ 122,390
2) Contributions	\$ 18,950
3) Benefit Payments and Administrative Expenses	\$ 14,167
4) Market Value of Assets as of June 30, 2020	\$ 129,751
5) Net Increase in Assets: $[(4) - (1) - (2) + (3)]$	\$ 2,578
6) Approximate Asset Return: $[(2) \times (5)] / [(1) + (4) - (5)]$	2.07%

## SUMMARY OF ACTUARIAL ASSUMPTIONS

<u>Actuarial Cost Method:</u>	Unit credit
<u>Market-Related Assets:</u>	Market value of assets
<u>Data:</u>	As of July 1, 2020
<u>Interest Rate:</u>	6.75%
<u>Long Term Rate of Return:</u>	6.75%
<u>Salary Increases:</u>	Not applicable
<u>Pre- and Post-Retirement Mortality:</u>	RP-2014 (adjusted) with MP-2019 mortality improvements (previously, MP-2018)
<u>Retirement Rates:</u>	Age 65, or attained age if greater
<u>Withdrawal Rates:</u>	Not applicable (no actives)
<u>Disability Rates:</u>	Not applicable (no actives)
<u>Form of Payment:</u>	Life annuity



## SUMMARY OF PLAN PROVISIONS

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