

**The Milford Water Company  
Historical Earned Return on Equity**

<b>Year</b>	<b>Net Income</b>	<b>Total Debt</b>	<b>Par Value of Common Stock</b>	<b>Profit and Loss Balance</b>	<b>Book Value of Equity</b>	<b>Earned Return On Equity</b>
<i>(a)</i>	<i>(b)</i>	<i>(c)</i>	<i>(d)</i>	<i>(e)</i>	<i>(f) = (d) + (e)</i>	<i>(g) = (b) / (f)</i>
2008	\$652,910	\$2,181,789	\$400,000	\$9,366,656	\$9,766,656	6.69%
2009	\$43,973	\$2,076,283	\$400,000	\$8,961,721	\$9,361,721	0.47%
2010	\$74,799	\$1,971,067	\$400,000	\$9,046,600	\$9,446,600	0.79%
2011	\$437,250	\$3,441,667	\$400,000	\$9,526,221	\$9,926,221	4.40%
2012	\$462,106	\$11,855,132	\$400,000	\$9,832,121	\$10,232,121	4.52%
2013	\$514,311	\$22,929,862	\$400,000	\$10,583,546	\$10,983,546	4.68%
2014	\$395,301	\$22,449,223	\$400,000	\$10,614,776	\$11,014,776	3.59%
2015	\$892,482	\$21,154,456	\$400,000	\$11,384,110	\$11,784,110	7.57%
2016	\$643,745	\$19,857,083	\$400,000	\$11,938,722	\$12,338,722	5.22%
2017	\$371,422	\$18,563,083	\$400,000	\$12,084,467	\$12,484,467	2.98%
					<b>Mean</b>	<b>4.09%</b>
Authorized Return on Equity						10.00%
2017 Book Value of Equity multiplied by Authorized Return on Equity						\$1,248,447

**Notes**

- (b) Annual Return, Page 301, Line 25
- (c) Annual Return, Page 201, Line 14
- (d) Annual Return, Page 204, Line 1
- (e) Annual Return, Page 301, Line 40

**The Milford Water Company  
Comparison Group Approach  
Valuation Results**

**Scenario:  
2018 P/E  
Ratio with  
Adjusted  
Net Income**

Line No.	Description	Source	2016/17 Value	2017/18 Value	Scenario: 2018 P/E Ratio with Adjusted Net Income
	(a)	(b)	(c) See Footnote	(d) See Footnote	(e)
<u>Comparison Group Price-Earnings Ratio</u>					
1	P/E Ratio - Minimum	Sch. JJR-3	25.1	25.3	25.3
2	P/E Ratio - 1st Quartile	Sch. JJR-3	26.7	27.4	27.4
3	P/E Ratio - Median	Sch. JJR-3	29.0	29.0	29.0
4	P/E Ratio - 3rd Quartile	Sch. JJR-3	30.4	31.0	31.0
5	P/E Ratio - Maximum	Sch. JJR-3	37.4	35.4	35.4
<u>Milford Water Financial Information</u>					
6	Net Income	Sch. JJR-1	\$643,745	\$371,422	\$1,248,447
7	Total Debt	Sch. JJR-1	\$19,857,083	\$18,563,083	\$18,563,083
<u>Calculated Valuation - Price-Earnings Ratio (\$)</u>					
8	Minimum	$L1 \times L6 + L7$	\$36,046,590	\$27,953,612	\$50,127,142
9	1st Quartile	$L2 \times L6 + L7$	\$37,037,613	\$28,731,822	\$52,742,913
10	Median	$L3 \times L6 + L7$	\$38,502,792	\$29,349,950	\$54,820,605
11	3rd Quartile	$L4 \times L6 + L7$	\$39,439,371	\$30,095,485	\$57,326,545
12	Maximum	$L5 \times L6 + L7$	\$43,937,944	\$31,716,379	\$62,774,799
<u>Comparison Group Market-Book Ratio</u>					
13	M/B Ratio - Minimum	Sch. JJR-3	2.5	2.6	
14	M/B Ratio - 1st Quartile	Sch. JJR-3	2.6	2.7	
15	M/B Ratio - Median	Sch. JJR-3	2.8	2.9	
16	M/B Ratio - 3rd Quartile	Sch. JJR-3	3.2	3.2	
17	M/B Ratio - Maximum	Sch. JJR-3	3.9	4.0	
<u>Milford Water Financial Information</u>					
18	Book Value of Equity	Sch. JJR-1	\$12,338,722	\$12,484,467	
19	Total Debt	Sch. JJR-1	\$19,857,083	\$18,563,083	
<u>Calculated Valuation - Market-Book Ratio (\$)</u>					
20	Minimum	$L13 \times L18 + L19$	\$50,929,406	\$51,466,810	
21	1st Quartile	$L14 \times L18 + L19$	\$52,494,875	\$52,524,304	
22	Median	$L15 \times L18 + L19$	\$54,424,681	\$55,162,373	
23	3rd Quartile	$L16 \times L18 + L19$	\$59,637,408	\$58,352,545	
24	Maximum	$L17 \times L18 + L19$	\$67,966,138	\$68,290,223	

Notes:

(c) The values in this column reflect the 2016 financial results of Milford Water from Schedule JJR-1 applied to the 2017 market metrics from Schedule JJR-3.

(d) The values in this column reflect the 2017 financial results of Milford Water from Schedule JJR-1 applied to the 2018 market metrics from Schedule JJR-3.

**The Milford Water Company  
Comparison Group Approach  
Market Data**

<b>Company</b>	<b>Ticker</b>	<b>2017 Average P/E Ratio</b>	<b>2017 Average M/B Ratio</b>	<b>2018 Average P/E Ratio</b>	<b>2018 Average M/B Ratio</b>
<i>(a)</i>	<i>(b)</i>	<i>(c)</i>	<i>(d)</i>	<i>(e)</i>	<i>(f)</i>
American States Water Company	AWR	29.7	3.5	35.4	4.0
American Water Works Company, Inc.	AWK	28.4	2.7	28.0	2.7
Aqua American, Inc.	WTR	25.5	3.1	25.3	3.1
California Water Service Group	CWT	32.4	2.7	32.0	2.8
Connecticut Water Service Inc.	CTWS	27.1	2.5	30.0	2.6
Middlesex Water Company	MSEX	29.6	2.9	28.1	3.0
SJW Corporation	SJW	25.1	2.5	25.4	2.6
York Water Company	YORW	37.4	3.9	30.7	3.3
Minimum		25.1	2.5	25.3	2.6
1st Quartile		26.7	2.6	27.4	2.7
Median		29.0	2.8	29.0	2.9
3rd Quartile		30.4	3.2	31.0	3.2
Maximum		37.4	3.9	35.4	4.0

Source: Bloomberg Finance. Company results reflect the average ratios of every trading day in the calendar year.

**Size Premium Calculation**  
**Industry Group Market Capitalization and Market-to-Book Ratio**

		[1]	[2]
Company	Ticker	Market Capitalization (\$ billions)	Market-to- Book Ratio
American States Water Company	AWR	2.15	4.0
American Water Works Company, Inc.	AWK	15.41	2.7
Aqua American, Inc.	WTR	6.26	3.1
California Water Service Group	CWT	1.98	2.8
Connecticut Water Service Inc.	CTWS	0.77	2.6
Middlesex Water Company	MSEX	0.71	3.0
SJW Corporation	SJW	1.26	2.6
York Water Company	YORW	0.41	3.3
Mean		3.6	3.0

The Milford Water Company	
Common Equity (\$ millions) [3]	12.5
Implied Market Capitalization [4]	38.0
As a percent of Comparison Group Mean Market Capitalization	1.05%

**Duff & Phelps 2017 Valuation Hand Book -- Size Premium**

	[5]	[6]
	Market Capitalization of Largest Company (\$ millions)	Size Premium
Breakdown of Deciles 1-10		
1-Largest	609,163.498	-0.35%
2	24,233.747	0.61%
3	10,711.194	0.89%
4	5,676.716	0.98%
5	3,512.913	1.51%
6	2,390.899	1.66%
7	1,569.984	1.72%
8	1,030.426	2.08%
9	567.843	2.68%
10-Smallest	262.891	5.59%
Milford Water - Implied Market Capitalization	37.991	5.59%
Comparison Group Mean Market Capitalization	3,617.373	0.98%
<b>Size Premium [7]</b>		<b>4.61%</b>

**Notes:**

[1] Source: Bloomberg Professional; equals 2018 calendar year average

[2] Source: Bloomberg Professional; equals 2018 calendar year average

[3] Milford Water's 2017 Annual Return to the Department

[4] Equals [3] x comparison group mean market-to-book ratio

[5] Duff & Phelps 2017 Valuation Hand Book – U.S. Guide to Cost of Capital Exhibit 7.2.

[6] Duff & Phelps 2017 Valuation Hand Book – U.S. Guide to Cost of Capital Exhibit 7.3.

[7] Equals 5.59% – 0.98%