

Town of Chilmark, Massachusetts

\$5,980,000 General Obligation Municipal Purpose Loan of 2024 Bonds

February 1, 2024

Issue Summary

Proof of D/S for Arbitrage Purposes

Date	Principal	Interest	Total
02/01/2024	-	-	-
11/01/2024	-	205,012.50	205,012.50
05/01/2025	430,000.00	136,675.00	566,675.00
11/01/2025	-	125,925.00	125,925.00
05/01/2026	430,000.00	125,925.00	555,925.00
11/01/2026	-	115,175.00	115,175.00
05/01/2027	430,000.00	115,175.00	545,175.00
11/01/2027	-	104,425.00	104,425.00
05/01/2028	425,000.00	104,425.00	529,425.00
11/01/2028	-	93,800.00	93,800.00
05/01/2029	425,000.00	93,800.00	518,800.00
11/01/2029	-	83,175.00	83,175.00
05/01/2030	425,000.00	83,175.00	508,175.00
11/01/2030	-	72,550.00	72,550.00
05/01/2031	425,000.00	72,550.00	497,550.00
11/01/2031	-	61,925.00	61,925.00
05/01/2032	2,990,000.00	61,925.00	3,051,925.00
Total	\$5,980,000.00	\$1,655,637.50	\$7,635,637.50

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Issue Summary

Proof of Bond Yield @ 2.5458880%

Date	Cashflow	PV Factor	Present Value	Cumulative PV
02/01/2024	-	1.0000000x	-	-
11/01/2024	205,012.50	0.9812052x	201,159.33	201,159.33
05/01/2025	566,675.00	0.9688720x	549,035.55	750,194.88
11/01/2025	125,925.00	0.9566938x	120,471.67	870,666.55
05/01/2026	555,925.00	0.9446687x	525,164.97	1,395,831.52
11/01/2026	115,175.00	0.9327948x	107,434.64	1,503,266.16
05/01/2027	545,175.00	0.9210701x	502,144.38	2,005,410.54
11/01/2027	104,425.00	0.9094927x	94,973.78	2,100,384.32
05/01/2028	529,425.00	0.8980609x	475,455.91	2,575,840.22
11/01/2028	93,800.00	0.8867728x	83,179.29	2,659,019.51
05/01/2029	518,800.00	0.8756266x	454,275.06	3,113,294.57
11/01/2029	83,175.00	0.8646204x	71,914.80	3,185,209.38
05/01/2030	508,175.00	0.8537526x	433,855.75	3,619,065.13
11/01/2030	72,550.00	0.8430214x	61,161.21	3,680,226.33
05/01/2031	497,550.00	0.8324251x	414,173.13	4,094,399.46
11/01/2031	61,925.00	0.8219620x	50,900.00	4,145,299.46
05/01/2032	3,051,925.00	0.8116304x	2,477,035.19	6,622,334.65
Total	\$7,635,637.50	-	\$6,622,334.65	-

Derivation Of Target Amount

Par Amount of Bonds	\$5,980,000.00
Reoffering Premium or (Discount)	642,334.65
Original Issue Proceeds	\$6,622,334.65

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Derivation Of Form 8038 Yield Statistics

Maturity	Issuance Value	Coupon	Price	Issuance Price	Exponent	Bond Years
02/01/2024	-	-	-	-	-	-
05/01/2025	430,000.00	5.000%	102.679%	441,519.70	1.250000x	551,899.63
05/01/2026	430,000.00	5.000%	105.365%	453,069.50	2.250000x	1,019,406.38
05/01/2027	430,000.00	5.000%	107.915%	464,034.50	3.250000x	1,508,112.13
05/01/2028	425,000.00	5.000%	110.954%	471,554.50	4.250000x	2,004,106.63
05/01/2029	425,000.00	5.000%	113.914%	484,134.50	5.250000x	2,541,706.13
05/01/2030	425,000.00	5.000%	116.453%	494,925.25	6.250000x	3,093,282.81
05/01/2031	425,000.00	5.000%	118.665%	504,326.25	7.250000x	3,656,365.31
05/01/2032	425,000.00	5.000%	120.848%	513,604.00	8.250000x	4,237,233.00
05/01/2033	420,000.00	4.000%	113.267%	475,721.40	9.250000x	4,400,422.95
05/01/2034	195,000.00	4.000%	113.106%	220,556.70	10.250000x	2,260,706.18
05/01/2035	195,000.00	4.000%	113.106%	220,556.70	11.250000x	2,481,262.88
05/01/2036	195,000.00	4.000%	111.511%	217,446.45	12.250000x	2,663,719.01
05/01/2037	195,000.00	4.000%	109.941%	214,384.95	13.250000x	2,840,600.59
05/01/2038	195,000.00	4.000%	108.168%	210,927.60	14.250000x	3,005,718.30
05/01/2039	195,000.00	4.000%	107.635%	209,888.25	15.250000x	3,200,795.81
05/01/2040	195,000.00	4.000%	106.653%	207,973.35	16.250000x	3,379,566.94
05/01/2041	195,000.00	4.000%	106.129%	206,951.55	17.250000x	3,569,914.24
05/01/2042	195,000.00	4.000%	105.015%	204,779.25	18.250000x	3,737,221.31
05/01/2043	195,000.00	4.000%	104.280%	203,346.00	19.250000x	3,914,410.50
05/01/2044	195,000.00	4.000%	103.915%	202,634.25	20.250000x	4,103,343.56
Total	\$5,980,000.00	-	-	\$6,622,334.65	-	\$58,169,794.26

Description of Bonds

Final Maturity Date	5/01/2044
Issue price of entire issue	6,622,334.65
Stated Redemption at Maturity	5,980,000.00
Weighted Average Maturity = Bond Years/Issue Price	8.784 Years
Bond Yield for Arbitrage Purposes	2.5458880%

Uses of Proceeds of Issue

Proceeds used for accrued interest	-
Proceeds used for bond issuance costs (including underwriters' discount)	99,112.38
Proceeds used for credit enhancement	-
Proceeds allocated to reasonably required reserve or replacement fund	-