

Town of Orleans, Massachusetts

Updated: 4/18/2024

Estimated 2025 Bond Interest Rate: 4.50%

COMMUNITY PRESERVATION ACT ('CPA') MODEL

Fiscal Year	Existing Debt Service		C	D (Total Column C)	E (A+B+C)	Fiscal Year
	A	B				
	Existing CPA Debt Service	Projected Short Term Interest (BAN) and Principal Paydowns	Projected \$14.785M Bonds (\$1.7M CPA) dated Jan. 2025	Total Projected Debt Service	Total Existing and Projected Debt Service	
2024	393,475	27,922		0	421,397	2024
2025	276,925		0	0	276,925	2025
2026	266,425		111,500	111,500	377,925	2026
2027	153,025		109,925	109,925	262,950	2027
2028	148,825		108,350	108,350	257,175	2028
2029	144,625		106,775	106,775	251,400	2029
2030	139,375		105,200	105,200	244,575	2030
2031	134,125		103,625	103,625	237,750	2031
2032	129,400		107,050	107,050	236,450	2032
2033	120,300		110,250	110,250	230,550	2033
2034	116,800		108,225	108,225	225,025	2034
2035	114,300		106,200	106,200	220,500	2035
2036	112,300		104,175	104,175	216,475	2036
2037	110,300		107,150	107,150	217,450	2037
2038	108,300		104,900	104,900	213,200	2038
2039	106,300		107,650	107,650	213,950	2039
2040	104,300		105,175	105,175	209,475	2040
2041	102,300		107,700	107,700	210,000	2041
2042	65,650		105,000	105,000	170,650	2042
2043			102,300	102,300	102,300	2043
2044			109,600	109,600	109,600	2044
2045			106,450	106,450	106,450	2045
2046			103,300	103,300	103,300	2046
2047			110,150	110,150	110,150	2047
2048			106,550	106,550	106,550	2048
2049			107,950	107,950	107,950	2049
2050			104,125	104,125	104,125	2050
2051			105,300	105,300	105,300	2051
2052			106,250	106,250	106,250	2052
2053			101,975	101,975	101,975	2053
2054			62,700	62,700	62,700	2054
2055			0	0	0	2055
	<u>2,847,050</u>	<u>27,922</u>	<u>3,045,500</u>	<u>3,045,500</u>	<u>5,920,472</u>	

Town of Orleans, Massachusetts
Existing CPA Debt
As of June 30, 2023

Aggregate Debt Service

DATE	PRINCIPAL	INTEREST	TOTAL P+I
06/30/2023	-	-	-
06/30/2024	315,000.00	78,475.00	393,475.00
06/30/2025	210,000.00	66,925.00	276,925.00
06/30/2026	210,000.00	56,425.00	266,425.00
06/30/2027	105,000.00	48,025.00	153,025.00
06/30/2028	105,000.00	43,825.00	148,825.00
06/30/2029	105,000.00	39,625.00	144,625.00
06/30/2030	105,000.00	34,375.00	139,375.00
06/30/2031	105,000.00	29,125.00	134,125.00
06/30/2032	105,000.00	24,400.00	129,400.00
06/30/2033	100,000.00	20,300.00	120,300.00
06/30/2034	100,000.00	16,800.00	116,800.00
06/30/2035	100,000.00	14,300.00	114,300.00
06/30/2036	100,000.00	12,300.00	112,300.00
06/30/2037	100,000.00	10,300.00	110,300.00
06/30/2038	100,000.00	8,300.00	108,300.00
06/30/2039	100,000.00	6,300.00	106,300.00
06/30/2040	100,000.00	4,300.00	104,300.00
06/30/2041	100,000.00	2,300.00	102,300.00
06/30/2042	65,000.00	650.00	65,650.00
Total	\$2,330,000.00	\$517,050.00	\$2,847,050.00

Par Amounts Of Selected Issues

January 26 2012 -Land Acquisition - CPA IV (I).....	105,000.00
April 2 2015 -Ref of Land Acquisition - CPA (I).....	315,000.00
January 27 2022 -Arey's Pond Land Acquisition (I).....	675,000.00
January 27 2022 -Affordable Housing (I).....	1,235,000.00
TOTAL.....	2,330,000.00

Hilltop Securities
Public Finance

Town of Orleans, Massachusetts

Bond Anticipation Note Schedule

DATED	DUE	AMOUNT	TYPE	TERM (IN DAYS)	30/360 Day Count RATE	INTEREST/ PAYDOWNS	FY TOTAL	
1/27/2023	1/26/2024	\$ 3,388,443	Renewal - Water Comprehensive Resource Mgmt Plan*	359	4.00%	\$ 135,161		
	1/26/2024	\$ 90,000	Water Comprehensive Resources Mgmt Plan			\$ 90,000		
1/27/2023	1/26/2024	\$ 3,061,902	Water Resource Mgmt #101617*	359	4.00%	\$ 122,136		
	1/26/2024	\$ 85,000	Water Resource Mgmt #101617			\$ 85,000		
1/27/2023	1/26/2024	\$ 2,760,000	Water Quality Mgmt #102416*	359	4.00%	\$ 110,093		
	1/26/2024	\$ 70,000	Water Quality Mgmt #102416			\$ 70,000		
1/27/2023	1/26/2024	\$ 2,780,000	Water Quality /Adapative Mgmt #50817*	359	4.00%	\$ 110,891		
	1/26/2024	\$ 65,000	Water Quality /Adapative Mgmt #50817			\$ 65,000		
1/27/2023	1/26/2024	\$ 100,000	Renewal - Downtown Sewer*	359	4.00%	\$ 3,989		
1/27/2023	1/26/2024	\$ 658,300	Renewal - Water Resource Management; Meetinghouse*	359	4.00%	\$ 26,259		
1/27/2023	1/26/2024	\$ 1,700,500	Renewal - Groundwater Remediation*	359	4.00%	\$ 67,831		
	1/26/2024	\$ 61,000	Groundwater Remediation - PAYDOWN			\$ 61,000		
1/27/2023	1/26/2024	\$ 78,123	Renewal - Nauset Estuary Dredging Design* - GENERAL EXEMPT	359	4.00%	\$ 3,116		
1/27/2023	1/26/2024	\$ 9,601	Renewal - Fire Station Renovation Feasibility Study* GENERAL EXEMPT	359	4.00%	\$ 383		
1/27/2023	1/26/2024	\$ 220,000	New Money - Information Technology* GENERAL FUND EXEMPT	359	4.00%	\$ 8,776		
1/27/2023	1/26/2024	\$ 700,000	New Money - Affordable Housing* - CPA	359	4.00%	\$ 27,922		
1/27/2023	1/26/2024	\$ 250,000	New Money - Water Plant HVAC*	359	4.00%	\$ 9,972		
1/27/2023	1/26/2024	\$ 1,732,000	New Money - Water Treatment Plant Lagoon Upgrade*	359	4.00%	\$ 69,088		
							\$ 1,066,617	FISCAL 2024

Town of Orleans, MA
 Bonds To Be Dated January 2025; Permanently Finance Outstanding BANS

General - EXEMPT (level)				WASTEWATER									
	Rockharbor Fuel Tanks Construction	Rock Harbor Maintenance Dredging Construction	Total General Exempt	Water Quality Management Plan #102416 - LD 80% Taxation	Water Quality/Adaptive Mgmt Plan #50817 - LD 80% Taxation	Water Resource Mgmt - Sewer Construction #101617 - LD 80% taxation	Wastewater comprehensive resources Management Plan 80% taxation	Groundwater Remediation	Downtown Sewers 80% taxation	Water Resource Management	Total Wastewater		
15-Jan-26	5,000	10,000	\$ 15,000	62,000	56,000	38,472	57,723	39,355	9,280	213,300	\$ 476,130		
15-Jan-27	5,000	15,000	\$ 20,000	60,000	55,000	35,000	60,000	35,000	5,000	225,000	\$ 475,000		
15-Jan-28	5,000	15,000	\$ 20,000	65,000	60,000	35,000	60,000	35,000	5,000		\$ 260,000		
15-Jan-29	5,000	15,000	\$ 20,000	65,000	60,000	35,000	65,000	35,000	5,000		\$ 265,000		
15-Jan-30	5,000	15,000	\$ 20,000	70,000	65,000	40,000	65,000	40,000	5,000		\$ 285,000		
15-Jan-31	5,000	15,000	\$ 20,000	70,000	70,000	40,000	70,000	40,000	5,000		\$ 295,000		
15-Jan-32	5,000	15,000	\$ 20,000	75,000	70,000	40,000	70,000	40,000	5,000		\$ 300,000		
15-Jan-33	5,000	15,000	\$ 20,000	80,000	75,000	45,000	75,000	45,000	5,000		\$ 325,000		
15-Jan-34	5,000	15,000	\$ 20,000	80,000	80,000	45,000	80,000	45,000	5,000		\$ 335,000		
15-Jan-35	5,000	20,000	\$ 25,000	85,000	80,000	50,000	80,000	50,000	5,000		\$ 350,000		
15-Jan-36	5,000	20,000	\$ 25,000	90,000	85,000	50,000	85,000	50,000	5,000		\$ 365,000		
15-Jan-37	5,000	20,000	\$ 25,000	95,000	90,000	55,000	90,000	55,000	5,000		\$ 390,000		
15-Jan-38	5,000	20,000	\$ 25,000	100,000	90,000	55,000	95,000	55,000	5,000		\$ 400,000		
15-Jan-39	5,000	20,000	\$ 25,000	100,000	95,000	60,000	100,000	60,000	5,000		\$ 420,000		
15-Jan-40	5,000	25,000	\$ 30,000	105,000	100,000	60,000	105,000	60,000	5,000		\$ 435,000		
15-Jan-41	5,000	25,000	\$ 30,000	110,000	105,000	65,000	105,000	65,000	5,000		\$ 455,000		
15-Jan-42	5,000	25,000	\$ 30,000	115,000	110,000	65,000	110,000	65,000	5,000		\$ 470,000		
15-Jan-43	5,000	25,000	\$ 30,000	120,000	115,000	70,000	115,000	70,000	5,000		\$ 495,000		
15-Jan-44	5,000	25,000	\$ 30,000	125,000	120,000	70,000	125,000	70,000	5,000		\$ 515,000		
15-Jan-45	5,000	30,000	\$ 35,000	135,000	125,000	75,000	130,000	75,000	5,000		\$ 545,000		
15-Jan-46	5,000	30,000	\$ 35,000	140,000	130,000	80,000	135,000	80,000	5,000		\$ 570,000		
15-Jan-47	5,000	30,000	\$ 35,000	145,000	135,000	80,000	140,000	80,000	5,000		\$ 585,000		
15-Jan-48	5,000	30,000	\$ 35,000	-	145,000	85,000	145,000	85,000	5,000		\$ 465,000		
15-Jan-49	5,000	35,000	\$ 40,000	-	-	-	155,000	90,000	5,000		\$ 250,000		
15-Jan-50	10,000	35,000	\$ 45,000	-	-	-	-	95,000	5,000		\$ 100,000		
15-Jan-51	10,000	35,000	\$ 45,000	-	-	-	-	100,000	10,000		\$ 110,000		
15-Jan-52	10,000	40,000	\$ 50,000	-	-	-	-	-	10,000		\$ 10,000		
15-Jan-53	10,000	40,000	\$ 50,000	-	-	-	-	-	-		\$ -		
15-Jan-54	10,000	40,000	\$ 50,000	-	-	-	-	-	-		\$ -		
15-Jan-55			\$ -	-	-	-	-	-	-		\$ -		
Total	\$ 170,000	\$ 700,000	\$ 870,000	\$ 2,092,000	\$ 2,116,000	\$ 1,273,472	\$ 2,317,723	\$ 1,559,355	\$ 149,280	\$ 438,300	\$ 9,946,130		
Original Issue Date of BANS	1/26/2024	1/26/2024		2/10/2017	2/9/2018	2/9/2018	2/8/2019	2/5/2021	1/27/2022	1/27/2022			
BANS Outstanding	\$170,000	\$1,400,000		\$2,152,000	\$2,172,000	\$1,341,472	\$2,393,723	\$1,620,355	\$80,000	\$658,300			
Reference	7(1)	7(1)		7(7)	7(7)	7(1)	7(1)	7(1)	7(1)	7(7)			
Maximum Term	30	30		30	30	30	30	30	30	5			
Original Auth. Amt	\$170,000	\$1,400,000		\$3,228,200	\$2,963,560	\$3,680,000	\$4,223,600	\$1,700,500	\$191,600	\$658,300			
Date of Auth.	5/8/2022	5/8/2023		10/24/2016	5/8/2017	10/16/2017	5/7/2018	6/20/2020	6/20/2020	5/22/2021			
Amount of Paydown	\$0	\$700,000		\$60,000	\$56,000	\$68,000	\$76,000	\$61,000	\$4,000	\$220,000			
Maximum Maturity	1/26/2054	1/15/2054		2/10/2047	2/9/2048	2/9/2048	2/8/2049	2/5/2051	2/5/2052	1/27/2027			
Remaining Life	29	29		22	23	23	24	26	27	2			
	per Town 4/1/24: Town will be reimbursed 50% from neighboring Town										Limited to maximum borrowing term of 5yrs until Town approves construction to which this planning relates		

Long-Term Bond Debt Service Schedule

Town of Orleans, Massachusetts
 Bonds To Be Dated January 2025; Permanently Finance Outstanding BANS

PROJECTED DEBT SERVICE SCHEDULE
 CPA DEBT ONLY

<u>Fiscal Year</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Total P+I</u>
6/30/2026	35,000	4.500%	76,500	111,500
6/30/2027	35,000	4.500%	74,925	109,925
6/30/2028	35,000	4.500%	73,350	108,350
6/30/2029	35,000	4.500%	71,775	106,775
6/30/2030	35,000	4.500%	70,200	105,200
6/30/2031	35,000	4.500%	68,625	103,625
6/30/2032	40,000	4.500%	67,050	107,050
6/30/2033	45,000	4.500%	65,250	110,250
6/30/2034	45,000	4.500%	63,225	108,225
6/30/2035	45,000	4.500%	61,200	106,200
6/30/2036	45,000	4.500%	59,175	104,175
6/30/2037	50,000	4.500%	57,150	107,150
6/30/2038	50,000	4.500%	54,900	104,900
6/30/2039	55,000	4.500%	52,650	107,650
6/30/2040	55,000	4.500%	50,175	105,175
6/30/2041	60,000	4.500%	47,700	107,700
6/30/2042	60,000	4.500%	45,000	105,000
6/30/2043	60,000	4.500%	42,300	102,300
6/30/2044	70,000	4.500%	39,600	109,600
6/30/2045	70,000	4.500%	36,450	106,450
6/30/2046	70,000	4.500%	33,300	103,300
6/30/2047	80,000	4.500%	30,150	110,150
6/30/2048	80,000	4.500%	26,550	106,550
6/30/2049	85,000	4.500%	22,950	107,950
6/30/2050	85,000	4.500%	19,125	104,125
6/30/2051	90,000	4.500%	15,300	105,300
6/30/2052	95,000	4.500%	11,250	106,250
6/30/2053	95,000	4.500%	6,975	101,975
6/30/2054	60,000	4.500%	2,700	62,700
6/30/2055	-	4.500%	-	-
Total	1,700,000		1,345,500	3,045,500