

# TOWN OF ORLEANS, MASSACHUSETTS



## OUTSTANDING DEBT PROJECTED AS OF JUNE 30, 2022

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February 2022



**Hilltop**Securities

A Hilltop Holdings Company.

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Boston, Massachusetts 02114  
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Member FINRA / SIPC / NYSE

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**Town of Orleans, Massachusetts**  
*Total Long-Term Debt Outstanding Projected as of June 30, 2022*

**Aggregate Debt Service**

DATE	PRINCIPAL	INTEREST	TOTAL P+I
06/30/2022	-	-	-
06/30/2023	4,700,000.00	1,814,509.99	6,514,509.99
06/30/2024	4,430,000.00	1,523,350.00	5,953,350.00
06/30/2025	3,735,000.00	1,316,775.00	5,051,775.00
06/30/2026	3,400,000.00	1,139,750.00	4,539,750.00
06/30/2027	2,800,000.00	987,550.00	3,787,550.00
06/30/2028	2,525,000.00	866,250.00	3,391,250.00
06/30/2029	2,415,000.00	760,025.00	3,175,025.00
06/30/2030	2,270,000.00	654,200.00	2,924,200.00
06/30/2031	2,295,000.00	561,350.00	2,856,350.00
06/30/2032	2,195,000.00	483,900.00	2,678,900.00
06/30/2033	2,220,000.00	411,850.00	2,631,850.00
06/30/2034	2,210,000.00	344,900.00	2,554,900.00
06/30/2035	2,210,000.00	284,125.00	2,494,125.00
06/30/2036	2,160,000.00	226,725.00	2,386,725.00
06/30/2037	2,165,000.00	169,600.00	2,334,600.00
06/30/2038	1,880,000.00	115,375.00	1,995,375.00
06/30/2039	775,000.00	80,550.00	855,550.00
06/30/2040	775,000.00	62,125.00	837,125.00
06/30/2041	780,000.00	43,650.00	823,650.00
06/30/2042	665,000.00	25,425.00	690,425.00
06/30/2043	80,000.00	12,575.00	92,575.00
06/30/2044	80,000.00	10,975.00	90,975.00
06/30/2045	75,000.00	9,375.00	84,375.00
06/30/2046	75,000.00	7,875.00	82,875.00
06/30/2047	75,000.00	6,375.00	81,375.00
06/30/2048	75,000.00	4,781.26	79,781.26
06/30/2049	75,000.00	3,187.50	78,187.50
06/30/2050	75,000.00	1,593.76	76,593.76
<b>Total</b>	<b>\$47,215,000.00</b>	<b>\$11,928,722.51</b>	<b>\$59,143,722.51</b>

**Par Amounts Of Selected Issues**

November 16 2005 MCWT T5-02-1000 (OE).....	20,000.00
February 15 2010 -Well (O).....	30,000.00
January 26 2012 -Ref of Water Treatment Facility (O).....	235,000.00
January 26 2012 -Land Acquisition - CPA IV (I).....	210,000.00
April 2 2015 -Ref of Landfill Area - Closing Out I (OE).....	555,000.00
April 2 2015 -Ref of Land Acquisition - CPA (I).....	415,000.00
April 2 2015 -Ref of Landfill Area - Closing Out II (OE).....	65,000.00
April 2 2015 -Ref of Town Hall Building Remodeling (IE).....	1,370,000.00
February 1 2016 -Public Wharf (IE).....	25,000.00
February 1 2016 -Piers & Boat Ramps (IE).....	20,000.00
February 1 2016 -Rock Harbor Dredging (IE).....	210,000.00
February 1 2016 -Elementary School Playground (IE).....	20,000.00
February 1 2016 -Water Tank #2 (O).....	70,000.00
February 1 2016 -Water Tank #1 Rehabilitation (O).....	140,000.00
February 9 2017 -Elementary School Windows & Doors (OE).....	555,000.00
February 9 2017 -Nauset Beach Parking Lot (IE).....	105,000.00
February 9 2017 -Police Station (IE).....	565,000.00
February 9 2017 -Police Station Construction (IE).....	1,900,000.00
February 9 2017 -Nauset Beach Parking Lot II (IE).....	30,000.00
February 9 2017 -Nauset Estuary Dredging (IE).....	20,000.00
February 9 2017 -Rock Harbor Bulkhead (IE).....	435,000.00
February 9 2017 -Nauset Estuary Study (I).....	20,000.00
February 9 2017 -Water Mains (O).....	515,000.00
February 9 2017 -Water - Wells 1-3 & 6-8 (O).....	460,000.00
November 16 2017 -Police Station Construction (IE).....	6,720,000.00
November 16 2017 -DPW Facility (IE).....	358,000.00
November 16 2017 -DPW Central Garage (IE).....	10,003,000.00
November 16 2017 -Rock Harbor Bulkhead (IE).....	1,171,500.00
November 16 2017 -Nauset Beach Parking Lot (IE).....	149,000.00
November 16 2017 -Nauset Estuary Dredging 1 (IE).....	43,500.00
November 16 2017 -Nauset Estuary Dredging 2 (IE).....	87,500.00
November 16 2017 -Tri-Town Septage Facility (IE).....	446,000.00
November 16 2017 -Main Street Intersection (IE).....	310,000.00
November 16 2017 -Stormwater Facility (IE).....	187,500.00
November 16 2017 -Beach Road Water Main 1 (O).....	98,000.00
November 16 2017 -Beach Road Water Main 2 (O).....	761,000.00
February 7 2019 -Orleans Elementary School Heating & Venting (IE).....	200,000.00
February 7 2019 -Nauset Beach Retreat & Facilities Relocation (IE).....	435,000.00
February 7 2019 -Tritown Demolition (IE).....	280,000.00
February 7 2019 -Water Meter Replacement (O).....	1,155,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition I (IE).....	2,395,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition II (IE).....	132,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition III (IE).....	118,000.00
December 10 2020 -Main St. & Village Center Streetscape (IE).....	445,000.00
December 10 2020 -Well #7 Water Treatment Plant (O).....	40,000.00
December 10 2020 -Well #7 Construction (O).....	2,210,000.00
January 27 2022 -Governor Prence Property (OE).....	2,450,000.00
January 27 2022 -Nauset Beach Retreat Master Plan (IE).....	161,687.00
January 27 2022 -Design and Replace Methane Gas (OE).....	188,580.00
January 27 2022 -Rock Harbor & Town Cove Bulkhead (IE).....	271,947.00
January 27 2022 -Fire Station Feasibility (IE).....	39,577.00
January 27 2022 -Fire Department Pumper Truck (IE).....	667,421.00
January 27 2022 -Landfill Methane Gas (OE).....	365,000.00
January 27 2022 -Pleasant Bay (IE).....	49,438.00
January 27 2022 -Mill Pond Landing Restoration (IE).....	350,000.00
January 27 2022 -Replace OES Windows and Roofs (IE).....	200,000.00
January 27 2022 -Nauset Beach Retreat Phase 2 (IE).....	3,300,000.00
January 27 2022 -Rock Harbor Dredging (IE).....	181,060.00
January 27 2022 -Arey's Pond Land Acquisition (I).....	714,536.00
January 27 2022 -Affordable Housing (I).....	1,300,000.00
January 27 2022 -Replace Rock Harbor Rd Water Main (O).....	70,400.00
January 27 2022 -Rock Harbor Water Main (O).....	826,354.00
January 27 2022 -Water Service Replacement (O).....	4,000.00
January 27 2022 -Canal Road Water Main Replacement (O).....	300,000.00
January 27 2022 -Water Treatment Plant Study (I).....	40,000.00
<b>TOTAL.....</b>	<b>47,215,000.00</b>

**Town of Orleans, Massachusetts**  
**\$100,000 General Obligation MCWT Bonds**  
**T5-02-1000, Dated November 16, 2005**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	TOTAL P+I	Fiscal Total
11/16/2005	-	-	-	-
07/15/2006	5,000.00	-	5,000.00	-
06/30/2007	-	-	-	5,000.00
07/15/2007	5,000.00	-	5,000.00	-
06/30/2008	-	-	-	5,000.00
07/15/2008	5,000.00	-	5,000.00	-
06/30/2009	-	-	-	5,000.00
07/15/2009	5,000.00	-	5,000.00	-
06/30/2010	-	-	-	5,000.00
07/15/2010	5,000.00	-	5,000.00	-
06/30/2011	-	-	-	5,000.00
07/15/2011	5,000.00	-	5,000.00	-
06/30/2012	-	-	-	5,000.00
07/15/2012	5,000.00	-	5,000.00	-
06/30/2013	-	-	-	5,000.00
07/15/2013	5,000.00	-	5,000.00	-
06/30/2014	-	-	-	5,000.00
07/15/2014	5,000.00	-	5,000.00	-
06/30/2015	-	-	-	5,000.00
07/15/2015	5,000.00	-	5,000.00	-
06/30/2016	-	-	-	5,000.00
07/15/2016	5,000.00	-	5,000.00	-
06/30/2017	-	-	-	5,000.00
07/15/2017	5,000.00	-	5,000.00	-
06/30/2018	-	-	-	5,000.00
07/15/2018	5,000.00	-	5,000.00	-
06/30/2019	-	-	-	5,000.00
07/15/2019	5,000.00	-	5,000.00	-
06/30/2020	-	-	-	5,000.00
07/15/2020	5,000.00	-	5,000.00	-
06/30/2021	-	-	-	5,000.00
07/15/2021	5,000.00	-	5,000.00	-
06/30/2022	-	-	-	5,000.00
07/15/2022	5,000.00	-	5,000.00	-
06/30/2023	-	-	-	5,000.00
07/15/2023	5,000.00	-	5,000.00	-
06/30/2024	-	-	-	5,000.00
07/15/2024	5,000.00	-	5,000.00	-
06/30/2025	-	-	-	5,000.00
07/15/2025	5,000.00	-	5,000.00	-
06/30/2026	-	-	-	5,000.00
<b>Total</b>	<b>\$100,000.00</b>	<b>-</b>	<b>\$100,000.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,016.39
Average Life.....	10.164 Years
Average Coupon.....	-
Net Interest Cost (NIC).....	-
True Interest Cost (TIC).....	-6.13E-11
Bond Yield for Arbitrage Purposes.....	-6.13E-11
All Inclusive Cost (AIC).....	-6.13E-11

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Net Interest Cost.....	-
Weighted Average Maturity.....	10.164 Years

**Town of Orleans, Massachusetts**  
**\$1,281,000 General Obligation Municipal Purpose Loan of 2010 Bonds**  
**\$200,000 Well (O) , Dated February 15, 2010**  
**Ch. 44, s. 8(5), Auth. 5/12/2008**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+i	Fiscal Total
02/16/2010	-	-	-	-	-
08/15/2010	-	-	2,571.25	2,571.25	-
02/15/2011	15,000.00	2.250%	2,571.25	17,571.25	-
06/30/2011	-	-	-	-	20,142.50
08/15/2011	-	-	2,402.50	2,402.50	-
02/15/2012	15,000.00	1.500%	2,402.50	17,402.50	-
06/30/2012	-	-	-	-	19,805.00
08/15/2012	-	-	2,290.00	2,290.00	-
02/15/2013	15,000.00	1.500%	2,290.00	17,290.00	-
06/30/2013	-	-	-	-	19,580.00
08/15/2013	-	-	2,177.50	2,177.50	-
02/15/2014	15,000.00	1.750%	2,177.50	17,177.50	-
06/30/2014	-	-	-	-	19,355.00
08/15/2014	-	-	2,046.25	2,046.25	-
02/15/2015	15,000.00	2.000%	2,046.25	17,046.25	-
06/30/2015	-	-	-	-	19,092.50
08/15/2015	-	-	1,896.25	1,896.25	-
02/15/2016	15,000.00	2.100%	1,896.25	16,896.25	-
06/30/2016	-	-	-	-	18,792.50
08/15/2016	-	-	1,738.75	1,738.75	-
02/15/2017	15,000.00	2.500%	1,738.75	16,738.75	-
06/30/2017	-	-	-	-	18,477.50
08/15/2017	-	-	1,551.25	1,551.25	-
02/15/2018	15,000.00	2.750%	1,551.25	16,551.25	-
06/30/2018	-	-	-	-	18,102.50
08/15/2018	-	-	1,345.00	1,345.00	-
02/15/2019	15,000.00	3.000%	1,345.00	16,345.00	-
06/30/2019	-	-	-	-	17,690.00
08/15/2019	-	-	1,120.00	1,120.00	-
02/15/2020	15,000.00	3.100%	1,120.00	16,120.00	-
06/30/2020	-	-	-	-	17,240.00
08/15/2020	-	-	887.50	887.50	-
02/15/2021	10,000.00	3.250%	887.50	10,887.50	-
06/30/2021	-	-	-	-	11,775.00
08/15/2021	-	-	725.00	725.00	-
02/15/2022	10,000.00	3.500%	725.00	10,725.00	-
06/30/2022	-	-	-	-	11,450.00
08/15/2022	-	-	550.00	550.00	-
02/15/2023	10,000.00	3.500%	550.00	10,550.00	-
06/30/2023	-	-	-	-	11,100.00
08/15/2023	-	-	375.00	375.00	-
02/15/2024	10,000.00	3.750%	375.00	10,375.00	-
06/30/2024	-	-	-	-	10,750.00
08/15/2024	-	-	187.50	187.50	-
02/15/2025	10,000.00	3.750%	187.50	10,187.50	-
06/30/2025	-	-	-	-	10,375.00
<b>Total</b>	<b>\$200,000.00</b>	<b>-</b>	<b>\$43,727.50</b>	<b>\$243,727.50</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/15/2010 to 02/16/2010.....	14.28
Bond Year Dollars.....	\$1,475.00
Average Life.....	7.375 Years
Average Coupon.....	2.9645763%
Net Interest Cost (NIC).....	2.9156203%
True Interest Cost (TIC).....	2.8745591%
Bond Yield for Arbitrage Purposes.....	1.7665585%
All Inclusive Cost (AIC).....	2.8745591%

**IRS Form 8038**

Net Interest Cost.....	2.9194716%
Weighted Average Maturity.....	7.336 Years

**Town of Orleans, Massachusetts**  
*\$5,185,000 General Obligation Refunding Bonds*  
*\$2,510,000 Ref of Water Treatment Facility (O) , Dated January 26, 2012*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/26/2012	-	-	-	-	-
03/15/2012	-	-	9,527.78	9,527.78	-
06/30/2012	-	-	-	-	9,527.78
09/15/2012	-	-	35,000.00	35,000.00	-
03/15/2013	-	-	35,000.00	35,000.00	-
06/30/2013	-	-	-	-	70,000.00
09/15/2013	270,000.00	2.000%	35,000.00	305,000.00	-
03/15/2014	-	-	32,300.00	32,300.00	-
06/30/2014	-	-	-	-	337,300.00
09/15/2014	260,000.00	2.000%	32,300.00	292,300.00	-
03/15/2015	-	-	29,700.00	29,700.00	-
06/30/2015	-	-	-	-	322,000.00
09/15/2015	255,000.00	3.000%	29,700.00	284,700.00	-
03/15/2016	-	-	25,875.00	25,875.00	-
06/30/2016	-	-	-	-	310,575.00
09/15/2016	260,000.00	3.000%	25,875.00	285,875.00	-
03/15/2017	-	-	21,975.00	21,975.00	-
06/30/2017	-	-	-	-	307,850.00
09/15/2017	250,000.00	3.000%	21,975.00	271,975.00	-
03/15/2018	-	-	18,225.00	18,225.00	-
06/30/2018	-	-	-	-	290,200.00
09/15/2018	250,000.00	3.000%	18,225.00	268,225.00	-
03/15/2019	-	-	14,475.00	14,475.00	-
06/30/2019	-	-	-	-	282,700.00
09/15/2019	245,000.00	3.000%	14,475.00	259,475.00	-
03/15/2020	-	-	10,800.00	10,800.00	-
06/30/2020	-	-	-	-	270,275.00
09/15/2020	245,000.00	3.000%	10,800.00	255,800.00	-
03/15/2021	-	-	7,125.00	7,125.00	-
06/30/2021	-	-	-	-	262,925.00
09/15/2021	240,000.00	3.000%	7,125.00	247,125.00	-
03/15/2022	-	-	3,525.00	3,525.00	-
06/30/2022	-	-	-	-	250,650.00
09/15/2022	235,000.00	3.000%	3,525.00	238,525.00	-
06/30/2023	-	-	-	-	238,525.00
<b>Total</b>	<b>\$2,510,000.00</b>	<b>-</b>	<b>\$442,527.78</b>	<b>\$2,952,527.78</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$15,126.64
Average Life.....	6.027 Years
Average Coupon.....	2.9254865%
Net Interest Cost (NIC).....	1.5078771%
True Interest Cost (TIC).....	1.4246172%
Bond Yield for Arbitrage Purposes.....	1.3920272%
All Inclusive Cost (AIC).....	1.4246172%

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Net Interest Cost.....	1.3749660%
Weighted Average Maturity.....	6.089 Years

**Town of Orleans, Massachusetts**  
**\$5,185,000 General Obligation Refunding Bonds**  
**\$1,285,000 Land Acquisition - CPA IV (I) , Dated January 26, 2012**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/26/2012	-	-	-	-	-
03/15/2012	-	-	4,934.03	4,934.03	-
06/30/2012	-	-	-	-	4,934.03
09/15/2012	-	-	18,125.00	18,125.00	-
03/15/2013	-	-	18,125.00	18,125.00	-
06/30/2013	-	-	-	-	36,250.00
09/15/2013	-	-	18,125.00	18,125.00	-
03/15/2014	-	-	18,125.00	18,125.00	-
06/30/2014	-	-	-	-	36,250.00
09/15/2014	125,000.00	2.000%	18,125.00	143,125.00	-
03/15/2015	-	-	16,875.00	16,875.00	-
06/30/2015	-	-	-	-	160,000.00
09/15/2015	130,000.00	3.000%	16,875.00	146,875.00	-
03/15/2016	-	-	14,925.00	14,925.00	-
06/30/2016	-	-	-	-	161,800.00
09/15/2016	130,000.00	3.000%	14,925.00	144,925.00	-
03/15/2017	-	-	12,975.00	12,975.00	-
06/30/2017	-	-	-	-	157,900.00
09/15/2017	135,000.00	3.000%	12,975.00	147,975.00	-
03/15/2018	-	-	10,950.00	10,950.00	-
06/30/2018	-	-	-	-	158,925.00
09/15/2018	150,000.00	3.000%	10,950.00	160,950.00	-
03/15/2019	-	-	8,700.00	8,700.00	-
06/30/2019	-	-	-	-	169,650.00
09/15/2019	145,000.00	3.000%	8,700.00	153,700.00	-
03/15/2020	-	-	6,525.00	6,525.00	-
06/30/2020	-	-	-	-	160,225.00
09/15/2020	150,000.00	3.000%	6,525.00	156,525.00	-
03/15/2021	-	-	4,275.00	4,275.00	-
06/30/2021	-	-	-	-	160,800.00
09/15/2021	110,000.00	3.000%	4,275.00	114,275.00	-
03/15/2022	-	-	2,625.00	2,625.00	-
06/30/2022	-	-	-	-	116,900.00
09/15/2022	105,000.00	3.000%	2,625.00	107,625.00	-
03/15/2023	-	-	1,050.00	1,050.00	-
06/30/2023	-	-	-	-	108,675.00
09/15/2023	105,000.00	2.000%	1,050.00	106,050.00	-
06/30/2024	-	-	-	-	106,050.00
<b>Total</b>	<b>\$1,285,000.00</b>	<b>-</b>	<b>\$253,359.03</b>	<b>\$1,538,359.03</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$8,962.40
Average Life.....	6.975 Years
Average Coupon.....	2.8269097%
Net Interest Cost (NIC).....	1.6102912%
True Interest Cost (TIC).....	1.5315912%
Bond Yield for Arbitrage Purposes.....	1.3920272%
All Inclusive Cost (AIC).....	1.5315912%

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Net Interest Cost.....	1.4859699%
Weighted Average Maturity.....	6.967 Years



**Town of Orleans, Massachusetts**  
**\$8,020,000 General Obligation Refunding Bonds**  
**\$2,195,000 Ref of Landfill Area - Closing Out I (OE) , Dated April 2, 2015**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
04/02/2015	-	-	-	-	-
04/15/2015	255,000.00	2.000%	2,531.39	257,531.39	-
06/30/2015	-	-	-	-	257,531.39
10/15/2015	-	-	32,500.00	32,500.00	-
04/15/2016	210,000.00	2.000%	32,500.00	242,500.00	-
06/30/2016	-	-	-	-	275,000.00
10/15/2016	-	-	30,400.00	30,400.00	-
04/15/2017	205,000.00	2.000%	30,400.00	235,400.00	-
06/30/2017	-	-	-	-	265,800.00
10/15/2017	-	-	28,350.00	28,350.00	-
04/15/2018	200,000.00	3.000%	28,350.00	228,350.00	-
06/30/2018	-	-	-	-	256,700.00
10/15/2018	-	-	25,350.00	25,350.00	-
04/15/2019	200,000.00	3.000%	25,350.00	225,350.00	-
06/30/2019	-	-	-	-	250,700.00
10/15/2019	-	-	22,350.00	22,350.00	-
04/15/2020	195,000.00	2.000%	22,350.00	217,350.00	-
06/30/2020	-	-	-	-	239,700.00
10/15/2020	-	-	20,400.00	20,400.00	-
04/15/2021	190,000.00	2.000%	20,400.00	210,400.00	-
06/30/2021	-	-	-	-	230,800.00
10/15/2021	-	-	18,500.00	18,500.00	-
04/15/2022	185,000.00	5.000%	18,500.00	203,500.00	-
06/30/2022	-	-	-	-	222,000.00
10/15/2022	-	-	13,875.00	13,875.00	-
04/15/2023	185,000.00	5.000%	13,875.00	198,875.00	-
06/30/2023	-	-	-	-	212,750.00
10/15/2023	-	-	9,250.00	9,250.00	-
04/15/2024	185,000.00	5.000%	9,250.00	194,250.00	-
06/30/2024	-	-	-	-	203,500.00
10/15/2024	-	-	4,625.00	4,625.00	-
04/15/2025	185,000.00	5.000%	4,625.00	189,625.00	-
06/30/2025	-	-	-	-	194,250.00
<b>Total</b>	<b>\$2,195,000.00</b>	<b>-</b>	<b>\$413,731.39</b>	<b>\$2,608,731.39</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$10,504.26
Average Life.....	4.786 Years
Average Coupon.....	3.9386995%
Net Interest Cost (NIC).....	1.8058104%
True Interest Cost (TIC).....	1.6513350%
Bond Yield for Arbitrage Purposes.....	1.7327506%
All Inclusive Cost (AIC).....	1.6513350%

**IRS Form 8038**

Net Interest Cost.....	1.5557905%
Weighted Average Maturity.....	5.040 Years

**Town of Orleans, Massachusetts**  
**\$8,020,000 General Obligation Refunding Bonds**  
**\$1,210,000 Ref of Land Acquisition - CPA (I) , Dated April 2, 2015**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
04/02/2015	-	-	-	-	-
04/15/2015	105,000.00	2.000%	1,428.19	106,428.19	-
06/30/2015	-	-	-	-	106,428.19
10/15/2015	-	-	18,725.00	18,725.00	-
04/15/2016	95,000.00	2.000%	18,725.00	113,725.00	-
06/30/2016	-	-	-	-	132,450.00
10/15/2016	-	-	17,775.00	17,775.00	-
04/15/2017	95,000.00	2.000%	17,775.00	112,775.00	-
06/30/2017	-	-	-	-	130,550.00
10/15/2017	-	-	16,825.00	16,825.00	-
04/15/2018	100,000.00	3.000%	16,825.00	116,825.00	-
06/30/2018	-	-	-	-	133,650.00
10/15/2018	-	-	15,325.00	15,325.00	-
04/15/2019	100,000.00	3.000%	15,325.00	115,325.00	-
06/30/2019	-	-	-	-	130,650.00
10/15/2019	-	-	13,825.00	13,825.00	-
04/15/2020	100,000.00	2.000%	13,825.00	113,825.00	-
06/30/2020	-	-	-	-	127,650.00
10/15/2020	-	-	12,825.00	12,825.00	-
04/15/2021	100,000.00	2.000%	12,825.00	112,825.00	-
06/30/2021	-	-	-	-	125,650.00
10/15/2021	-	-	11,825.00	11,825.00	-
04/15/2022	100,000.00	5.000%	11,825.00	111,825.00	-
06/30/2022	-	-	-	-	123,650.00
10/15/2022	-	-	9,325.00	9,325.00	-
04/15/2023	100,000.00	5.000%	9,325.00	109,325.00	-
06/30/2023	-	-	-	-	118,650.00
10/15/2023	-	-	6,825.00	6,825.00	-
04/15/2024	105,000.00	5.000%	6,825.00	111,825.00	-
06/30/2024	-	-	-	-	118,650.00
10/15/2024	-	-	4,200.00	4,200.00	-
04/15/2025	105,000.00	5.000%	4,200.00	109,200.00	-
06/30/2025	-	-	-	-	113,400.00
10/15/2025	-	-	1,575.00	1,575.00	-
04/15/2026	105,000.00	3.000%	1,575.00	106,575.00	-
06/30/2026	-	-	-	-	108,150.00
<b>Total</b>	<b>\$1,210,000.00</b>	<b>-</b>	<b>\$259,528.19</b>	<b>\$1,469,528.19</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$6,778.69
Average Life.....	5.602 Years
Average Coupon.....	3.8285866%
Net Interest Cost (NIC).....	1.9378568%
True Interest Cost (TIC).....	1.7823781%
Bond Yield for Arbitrage Purposes.....	1.7327506%
All Inclusive Cost (AIC).....	1.7823781%

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Net Interest Cost.....	1.6878521%
Weighted Average Maturity.....	5.816 Years

**Town of Orleans, Massachusetts**  
**\$8,020,000 General Obligation Refunding Bonds**  
**\$240,000 Ref of Landfill Area - Closing Out II (OE) , Dated April 2, 2015**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
04/02/2015	-	-	-	-	-
04/15/2015	25,000.00	2.000%	269.03	25,269.03	-
06/30/2015	-	-	-	-	25,269.03
10/15/2015	-	-	3,475.00	3,475.00	-
04/15/2016	25,000.00	2.000%	3,475.00	28,475.00	-
06/30/2016	-	-	-	-	31,950.00
10/15/2016	-	-	3,225.00	3,225.00	-
04/15/2017	25,000.00	2.000%	3,225.00	28,225.00	-
06/30/2017	-	-	-	-	31,450.00
10/15/2017	-	-	2,975.00	2,975.00	-
04/15/2018	20,000.00	3.000%	2,975.00	22,975.00	-
06/30/2018	-	-	-	-	25,950.00
10/15/2018	-	-	2,675.00	2,675.00	-
04/15/2019	20,000.00	3.000%	2,675.00	22,675.00	-
06/30/2019	-	-	-	-	25,350.00
10/15/2019	-	-	2,375.00	2,375.00	-
04/15/2020	20,000.00	2.000%	2,375.00	22,375.00	-
06/30/2020	-	-	-	-	24,750.00
10/15/2020	-	-	2,175.00	2,175.00	-
04/15/2021	20,000.00	2.000%	2,175.00	22,175.00	-
06/30/2021	-	-	-	-	24,350.00
10/15/2021	-	-	1,975.00	1,975.00	-
04/15/2022	20,000.00	5.000%	1,975.00	21,975.00	-
06/30/2022	-	-	-	-	23,950.00
10/15/2022	-	-	1,475.00	1,475.00	-
04/15/2023	20,000.00	5.000%	1,475.00	21,475.00	-
06/30/2023	-	-	-	-	22,950.00
10/15/2023	-	-	975.00	975.00	-
04/15/2024	15,000.00	5.000%	975.00	15,975.00	-
06/30/2024	-	-	-	-	16,950.00
10/15/2024	-	-	600.00	600.00	-
04/15/2025	15,000.00	5.000%	600.00	15,600.00	-
06/30/2025	-	-	-	-	16,200.00
10/15/2025	-	-	225.00	225.00	-
04/15/2026	15,000.00	3.000%	225.00	15,225.00	-
06/30/2026	-	-	-	-	15,450.00
<b>Total</b>	<b>\$240,000.00</b>	<b>-</b>	<b>\$44,569.03</b>	<b>\$284,569.03</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,193.67
Average Life.....	4.974 Years
Average Coupon.....	3.7337920%
Net Interest Cost (NIC).....	1.8482404%
True Interest Cost (TIC).....	1.7050933%
Bond Yield for Arbitrage Purposes.....	1.7327506%
All Inclusive Cost (AIC).....	1.7050933%

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Net Interest Cost.....	1.6200820%
Weighted Average Maturity.....	5.188 Years

**Town of Orleans, Massachusetts**  
**\$8,020,000 General Obligation Refunding Bonds**  
**\$4,355,000 Ref of Town Hall Building Remodeling (IE) , Dated April 2, 2015**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
04/02/2015	-	-	-	-	-
04/15/2015	450,000.00	2.000%	5,023.06	455,023.06	-
06/30/2015	-	-	-	-	455,023.06
10/15/2015	-	-	65,050.00	65,050.00	-
04/15/2016	385,000.00	2.000%	65,050.00	450,050.00	-
06/30/2016	-	-	-	-	515,100.00
10/15/2016	-	-	61,200.00	61,200.00	-
04/15/2017	375,000.00	2.000%	61,200.00	436,200.00	-
06/30/2017	-	-	-	-	497,400.00
10/15/2017	-	-	57,450.00	57,450.00	-
04/15/2018	365,000.00	3.000%	57,450.00	422,450.00	-
06/30/2018	-	-	-	-	479,900.00
10/15/2018	-	-	51,975.00	51,975.00	-
04/15/2019	360,000.00	3.000%	51,975.00	411,975.00	-
06/30/2019	-	-	-	-	463,950.00
10/15/2019	-	-	46,575.00	46,575.00	-
04/15/2020	355,000.00	2.000%	46,575.00	401,575.00	-
06/30/2020	-	-	-	-	448,150.00
10/15/2020	-	-	43,025.00	43,025.00	-
04/15/2021	350,000.00	2.000%	43,025.00	393,025.00	-
06/30/2021	-	-	-	-	436,050.00
10/15/2021	-	-	39,525.00	39,525.00	-
04/15/2022	345,000.00	5.000%	39,525.00	384,525.00	-
06/30/2022	-	-	-	-	424,050.00
10/15/2022	-	-	30,900.00	30,900.00	-
04/15/2023	345,000.00	5.000%	30,900.00	375,900.00	-
06/30/2023	-	-	-	-	406,800.00
10/15/2023	-	-	22,275.00	22,275.00	-
04/15/2024	345,000.00	5.000%	22,275.00	367,275.00	-
06/30/2024	-	-	-	-	389,550.00
10/15/2024	-	-	13,650.00	13,650.00	-
04/15/2025	345,000.00	5.000%	13,650.00	358,650.00	-
06/30/2025	-	-	-	-	372,300.00
10/15/2025	-	-	5,025.00	5,025.00	-
04/15/2026	335,000.00	3.000%	5,025.00	340,025.00	-
06/30/2026	-	-	-	-	345,050.00
<b>Total</b>	<b>\$4,355,000.00</b>	<b>-</b>	<b>\$878,323.06</b>	<b>\$5,233,323.06</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$23,117.26
Average Life.....	5.308 Years
Average Coupon.....	3.7994248%
Net Interest Cost (NIC).....	1.9089879%
True Interest Cost (TIC).....	1.7571204%
Bond Yield for Arbitrage Purposes.....	1.7327506%
All Inclusive Cost (AIC).....	1.7571204%

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Net Interest Cost.....	1.6657201%
Weighted Average Maturity.....	5.529 Years

**Town of Orleans, Massachusetts**  
**\$4,046,712 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$205,600 Public Wharf (IE) , Dated February 1, 2016**  
**Ch. 44, s. 7(17), Auth. 5/11/2009**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/11/2016	-	-	-	-	-
08/01/2016	-	-	3,656.00	3,656.00	-
02/01/2017	30,600.00	2.000%	3,656.00	34,256.00	-
06/30/2017	-	-	-	-	37,912.00
08/01/2017	-	-	3,350.00	3,350.00	-
02/01/2018	30,000.00	3.000%	3,350.00	33,350.00	-
06/30/2018	-	-	-	-	36,700.00
08/01/2018	-	-	2,900.00	2,900.00	-
02/01/2019	30,000.00	4.000%	2,900.00	32,900.00	-
06/30/2019	-	-	-	-	35,800.00
08/01/2019	-	-	2,300.00	2,300.00	-
02/01/2020	30,000.00	4.000%	2,300.00	32,300.00	-
06/30/2020	-	-	-	-	34,600.00
08/01/2020	-	-	1,700.00	1,700.00	-
02/01/2021	30,000.00	4.000%	1,700.00	31,700.00	-
06/30/2021	-	-	-	-	33,400.00
08/01/2021	-	-	1,100.00	1,100.00	-
02/01/2022	30,000.00	4.000%	1,100.00	31,100.00	-
06/30/2022	-	-	-	-	32,200.00
08/01/2022	-	-	500.00	500.00	-
02/01/2023	25,000.00	4.000%	500.00	25,500.00	-
06/30/2023	-	-	-	-	26,000.00
<b>Total</b>	<b>\$205,600.00</b>	<b>-</b>	<b>\$31,012.00</b>	<b>\$236,612.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/01/2016 to 02/11/2016.....	203.11
Bond Year Dollars.....	\$805.60
Average Life.....	3.918 Years
Average Coupon.....	3.8495531%
Net Interest Cost (NIC).....	1.7280586%
True Interest Cost (TIC).....	1.6169038%
Bond Yield for Arbitrage Purposes.....	1.4454695%
All Inclusive Cost (AIC).....	1.6169038%

**IRS Form 8038**

Net Interest Cost.....	1.5420351%
Weighted Average Maturity.....	3.995 Years

**Town of Orleans, Massachusetts**  
**\$4,046,712 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$150,999 Piers & Boat Ramps (IE) , Dated February 1, 2016**  
**Ch. 44, s. 7(17), Auth. 5/9/2011**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/11/2016	-	-	-	-	-
08/01/2016	-	-	2,634.99	2,634.99	-
02/01/2017	25,999.00	2.000%	2,634.99	28,633.99	-
06/30/2017	-	-	-	-	31,268.98
08/01/2017	-	-	2,375.00	2,375.00	-
02/01/2018	25,000.00	3.000%	2,375.00	27,375.00	-
06/30/2018	-	-	-	-	29,750.00
08/01/2018	-	-	2,000.00	2,000.00	-
02/01/2019	20,000.00	4.000%	2,000.00	22,000.00	-
06/30/2019	-	-	-	-	24,000.00
08/01/2019	-	-	1,600.00	1,600.00	-
02/01/2020	20,000.00	4.000%	1,600.00	21,600.00	-
06/30/2020	-	-	-	-	23,200.00
08/01/2020	-	-	1,200.00	1,200.00	-
02/01/2021	20,000.00	4.000%	1,200.00	21,200.00	-
06/30/2021	-	-	-	-	22,400.00
08/01/2021	-	-	800.00	800.00	-
02/01/2022	20,000.00	4.000%	800.00	20,800.00	-
06/30/2022	-	-	-	-	21,600.00
08/01/2022	-	-	400.00	400.00	-
02/01/2023	20,000.00	4.000%	400.00	20,400.00	-
06/30/2023	-	-	-	-	20,800.00
<b>Total</b>	<b>\$150,999.00</b>	<b>-</b>	<b>\$22,019.98</b>	<b>\$173,018.98</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/01/2016 to 02/11/2016.....	146.39
Bond Year Dollars.....	\$576.00
Average Life.....	3.815 Years
Average Coupon.....	3.8229198%
Net Interest Cost (NIC).....	1.6924109%
True Interest Cost (TIC).....	1.5822030%
Bond Yield for Arbitrage Purposes.....	1.4454695%
All Inclusive Cost (AIC).....	1.5822030%

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Net Interest Cost.....	1.5084244%
Weighted Average Maturity.....	3.899 Years

**Town of Orleans, Massachusetts**  
**\$4,046,712 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$654,381 Rock Harbor Dredging (IE) , Dated February 1, 2016**  
**Ch. 44, s. 7(17A), Auth. 5/12/2014**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/11/2016	-	-	-	-	-
08/01/2016	-	-	11,218.81	11,218.81	-
02/01/2017	79,380.50	2.000%	11,218.81	90,599.31	-
06/30/2017	-	-	-	-	101,818.12
08/01/2017	-	-	10,425.00	10,425.00	-
02/01/2018	75,000.00	3.000%	10,425.00	85,425.00	-
06/30/2018	-	-	-	-	95,850.00
08/01/2018	-	-	9,300.00	9,300.00	-
02/01/2019	75,000.00	4.000%	9,300.00	84,300.00	-
06/30/2019	-	-	-	-	93,600.00
08/01/2019	-	-	7,800.00	7,800.00	-
02/01/2020	75,000.00	4.000%	7,800.00	82,800.00	-
06/30/2020	-	-	-	-	90,600.00
08/01/2020	-	-	6,300.00	6,300.00	-
02/01/2021	70,000.00	4.000%	6,300.00	76,300.00	-
06/30/2021	-	-	-	-	82,600.00
08/01/2021	-	-	4,900.00	4,900.00	-
02/01/2022	70,000.00	4.000%	4,900.00	74,900.00	-
06/30/2022	-	-	-	-	79,800.00
08/01/2022	-	-	3,500.00	3,500.00	-
02/01/2023	70,000.00	4.000%	3,500.00	73,500.00	-
06/30/2023	-	-	-	-	77,000.00
08/01/2023	-	-	2,100.00	2,100.00	-
02/01/2024	70,000.00	3.000%	2,100.00	72,100.00	-
06/30/2024	-	-	-	-	74,200.00
08/01/2024	-	-	1,050.00	1,050.00	-
02/01/2025	70,000.00	3.000%	1,050.00	71,050.00	-
06/30/2025	-	-	-	-	72,100.00
<b>Total</b>	<b>\$654,380.50</b>	<b>-</b>	<b>\$113,187.62</b>	<b>\$767,568.12</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/01/2016 to 02/11/2016.....	623.27
Bond Year Dollars.....	\$3,204.38
Average Life.....	4.897 Years
Average Coupon.....	3.5322778%

Net Interest Cost (NIC).....	1.7116856%
True Interest Cost (TIC).....	1.6044134%
Bond Yield for Arbitrage Purposes.....	1.4454695%
All Inclusive Cost (AIC).....	1.6044134%

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Net Interest Cost.....	1.5288406%
Weighted Average Maturity.....	4.977 Years

**Town of Orleans, Massachusetts**  
*\$4,046,712 General Obligation Municipal Purpose Loan of 2016 Bonds*  
*\$151,000 Elementary School Playground (IE) , Dated February 1, 2016*  
*Ch. 44, s. 7(25), Auth. 5/7/2012*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/11/2016	-	-	-	-	-
08/01/2016	-	-	2,635.00	2,635.00	-
02/01/2017	26,000.00	2.000%	2,635.00	28,635.00	-
06/30/2017	-	-	-	-	31,270.00
08/01/2017	-	-	2,375.00	2,375.00	-
02/01/2018	25,000.00	3.000%	2,375.00	27,375.00	-
06/30/2018	-	-	-	-	29,750.00
08/01/2018	-	-	2,000.00	2,000.00	-
02/01/2019	20,000.00	4.000%	2,000.00	22,000.00	-
06/30/2019	-	-	-	-	24,000.00
08/01/2019	-	-	1,600.00	1,600.00	-
02/01/2020	20,000.00	4.000%	1,600.00	21,600.00	-
06/30/2020	-	-	-	-	23,200.00
08/01/2020	-	-	1,200.00	1,200.00	-
02/01/2021	20,000.00	4.000%	1,200.00	21,200.00	-
06/30/2021	-	-	-	-	22,400.00
08/01/2021	-	-	800.00	800.00	-
02/01/2022	20,000.00	4.000%	800.00	20,800.00	-
06/30/2022	-	-	-	-	21,600.00
08/01/2022	-	-	400.00	400.00	-
02/01/2023	20,000.00	4.000%	400.00	20,400.00	-
06/30/2023	-	-	-	-	20,800.00
<b>Total</b>	<b>\$151,000.00</b>	<b>-</b>	<b>\$22,020.00</b>	<b>\$173,020.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/01/2016 to 02/11/2016.....	146.39
Bond Year Dollars.....	\$576.00
Average Life.....	3.815 Years
Average Coupon.....	3.8229167%
Net Interest Cost (NIC).....	1.6924097%
True Interest Cost (TIC).....	1.5822021%
Bond Yield for Arbitrage Purposes.....	1.4454695%
All Inclusive Cost (AIC).....	1.5822021%

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Net Interest Cost.....	1.5084235%
Weighted Average Maturity.....	3.899 Years



**Town of Orleans, Massachusetts**  
**\$4,046,712 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$514,864 Water Tank #2 (O) , Dated February 1, 2016**  
**Ch. 44, s. 8(7C), Auth. 5/7/2012**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/11/2016	-	-	-	-	-
08/01/2016	-	-	9,123.64	9,123.64	-
02/01/2017	79,863.70	2.000%	9,123.64	88,987.34	-
06/30/2017	-	-	-	-	98,110.98
08/01/2017	-	-	8,325.00	8,325.00	-
02/01/2018	75,000.00	3.000%	8,325.00	83,325.00	-
06/30/2018	-	-	-	-	91,650.00
08/01/2018	-	-	7,200.00	7,200.00	-
02/01/2019	75,000.00	4.000%	7,200.00	82,200.00	-
06/30/2019	-	-	-	-	89,400.00
08/01/2019	-	-	5,700.00	5,700.00	-
02/01/2020	75,000.00	4.000%	5,700.00	80,700.00	-
06/30/2020	-	-	-	-	86,400.00
08/01/2020	-	-	4,200.00	4,200.00	-
02/01/2021	70,000.00	4.000%	4,200.00	74,200.00	-
06/30/2021	-	-	-	-	78,400.00
08/01/2021	-	-	2,800.00	2,800.00	-
02/01/2022	70,000.00	4.000%	2,800.00	72,800.00	-
06/30/2022	-	-	-	-	75,600.00
08/01/2022	-	-	1,400.00	1,400.00	-
02/01/2023	70,000.00	4.000%	1,400.00	71,400.00	-
06/30/2023	-	-	-	-	72,800.00
<b>Total</b>	<b>\$514,863.70</b>	<b>-</b>	<b>\$77,497.28</b>	<b>\$592,360.98</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/01/2016 to 02/11/2016.....	506.87
Bond Year Dollars.....	\$2,014.86
Average Life.....	3.913 Years
Average Coupon.....	3.8462790%
Net Interest Cost (NIC).....	1.6985050%
True Interest Cost (TIC).....	1.5872147%
Bond Yield for Arbitrage Purposes.....	1.4454695%
All Inclusive Cost (AIC).....	1.5872147%

**IRS Form 8038**

Net Interest Cost.....	1.5124383%
Weighted Average Maturity.....	3.994 Years

**Town of Orleans, Massachusetts**  
**\$4,046,712 General Obligation Municipal Purpose Loan of 2016 Bonds**  
**\$560,000 Water Tank #1 Rehabilitation (O) , Dated February 1, 2016**  
**Ch. 44, s. 8(7C), Auth. 5/13/2013**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/11/2016	-	-	-	-	-
08/01/2016	-	-	9,800.00	9,800.00	-
02/01/2017	70,000.00	2.000%	9,800.00	79,800.00	-
06/30/2017	-	-	-	-	89,600.00
08/01/2017	-	-	9,100.00	9,100.00	-
02/01/2018	70,000.00	3.000%	9,100.00	79,100.00	-
06/30/2018	-	-	-	-	88,200.00
08/01/2018	-	-	8,050.00	8,050.00	-
02/01/2019	70,000.00	4.000%	8,050.00	78,050.00	-
06/30/2019	-	-	-	-	86,100.00
08/01/2019	-	-	6,650.00	6,650.00	-
02/01/2020	70,000.00	4.000%	6,650.00	76,650.00	-
06/30/2020	-	-	-	-	83,300.00
08/01/2020	-	-	5,250.00	5,250.00	-
02/01/2021	70,000.00	4.000%	5,250.00	75,250.00	-
06/30/2021	-	-	-	-	80,500.00
08/01/2021	-	-	3,850.00	3,850.00	-
02/01/2022	70,000.00	4.000%	3,850.00	73,850.00	-
06/30/2022	-	-	-	-	77,700.00
08/01/2022	-	-	2,450.00	2,450.00	-
02/01/2023	70,000.00	4.000%	2,450.00	72,450.00	-
06/30/2023	-	-	-	-	74,900.00
08/01/2023	-	-	1,050.00	1,050.00	-
02/01/2024	70,000.00	3.000%	1,050.00	71,050.00	-
06/30/2024	-	-	-	-	72,100.00
<b>Total</b>	<b>\$560,000.00</b>	<b>-</b>	<b>\$92,400.00</b>	<b>\$652,400.00</b>	<b>-</b>

**Yield Statistics**

Accrued Interest from 02/01/2016 to 02/11/2016.....	544.44
Bond Year Dollars.....	\$2,520.00
Average Life.....	4.500 Years
Average Coupon.....	3.6666667%
Net Interest Cost (NIC).....	1.7065556%
True Interest Cost (TIC).....	1.5979001%
Bond Yield for Arbitrage Purposes.....	1.4454695%
All Inclusive Cost (AIC).....	1.5979001%

**IRS Form 8038**

Net Interest Cost.....	1.5217312%
Weighted Average Maturity.....	4.579 Years

**Town of Orleans, Massachusetts**  
*\$9,168,000 General Obligation Municipal Purpose Loan of 2017 Bonds*  
*\$650,000 Elementary School Windows & Doors (OE) ; Dated February 9, 2017*  
*Auth. 10/27/14, Ch.70B*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/09/2017	-	-	-	-	-
08/01/2017	-	-	10,140.83	10,140.83	-
02/01/2018	15,000.00	4.000%	10,612.50	25,612.50	-
06/30/2018	-	-	-	-	35,753.33
08/01/2018	-	-	10,312.50	10,312.50	-
02/01/2019	20,000.00	4.000%	10,312.50	30,312.50	-
06/30/2019	-	-	-	-	40,625.00
08/01/2019	-	-	9,912.50	9,912.50	-
02/01/2020	20,000.00	4.000%	9,912.50	29,912.50	-
06/30/2020	-	-	-	-	39,825.00
08/01/2020	-	-	9,512.50	9,512.50	-
02/01/2021	20,000.00	4.000%	9,512.50	29,512.50	-
06/30/2021	-	-	-	-	39,025.00
08/01/2021	-	-	9,112.50	9,112.50	-
02/01/2022	20,000.00	4.000%	9,112.50	29,112.50	-
06/30/2022	-	-	-	-	38,225.00
08/01/2022	-	-	8,712.50	8,712.50	-
02/01/2023	20,000.00	4.000%	8,712.50	28,712.50	-
06/30/2023	-	-	-	-	37,425.00
08/01/2023	-	-	8,312.50	8,312.50	-
02/01/2024	20,000.00	3.000%	8,312.50	28,312.50	-
06/30/2024	-	-	-	-	36,625.00
08/01/2024	-	-	8,012.50	8,012.50	-
02/01/2025	20,000.00	3.000%	8,012.50	28,012.50	-
06/30/2025	-	-	-	-	36,025.00
08/01/2025	-	-	7,712.50	7,712.50	-
02/01/2026	25,000.00	3.000%	7,712.50	32,712.50	-
06/30/2026	-	-	-	-	40,425.00
08/01/2026	-	-	7,337.50	7,337.50	-
02/01/2027	25,000.00	3.000%	7,337.50	32,337.50	-
06/30/2027	-	-	-	-	39,675.00
08/01/2027	-	-	6,962.50	6,962.50	-
02/01/2028	25,000.00	3.000%	6,962.50	31,962.50	-
06/30/2028	-	-	-	-	38,925.00
08/01/2028	-	-	6,587.50	6,587.50	-
02/01/2029	25,000.00	3.000%	6,587.50	31,587.50	-
06/30/2029	-	-	-	-	38,175.00
08/01/2029	-	-	6,212.50	6,212.50	-
02/01/2030	25,000.00	3.000%	6,212.50	31,212.50	-
06/30/2030	-	-	-	-	37,425.00
08/01/2030	-	-	5,837.50	5,837.50	-
02/01/2031	25,000.00	3.000%	5,837.50	30,837.50	-
06/30/2031	-	-	-	-	36,675.00
08/01/2031	-	-	5,462.50	5,462.50	-
02/01/2032	25,000.00	3.000%	5,462.50	30,462.50	-
06/30/2032	-	-	-	-	35,925.00
08/01/2032	-	-	5,087.50	5,087.50	-
02/01/2033	30,000.00	3.000%	5,087.50	35,087.50	-
06/30/2033	-	-	-	-	40,175.00
08/01/2033	-	-	4,637.50	4,637.50	-
02/01/2034	30,000.00	3.000%	4,637.50	34,637.50	-
06/30/2034	-	-	-	-	39,275.00
08/01/2034	-	-	4,187.50	4,187.50	-
02/01/2035	30,000.00	3.000%	4,187.50	34,187.50	-
06/30/2035	-	-	-	-	38,375.00
08/01/2035	-	-	3,737.50	3,737.50	-
02/01/2036	30,000.00	3.250%	3,737.50	33,737.50	-
06/30/2036	-	-	-	-	37,475.00
08/01/2036	-	-	3,250.00	3,250.00	-
02/01/2037	30,000.00	3.250%	3,250.00	33,250.00	-
06/30/2037	-	-	-	-	36,500.00
08/01/2037	-	-	2,762.50	2,762.50	-
02/01/2038	30,000.00	3.250%	2,762.50	32,762.50	-
06/30/2038	-	-	-	-	35,525.00
08/01/2038	-	-	2,275.00	2,275.00	-
02/01/2039	35,000.00	3.250%	2,275.00	37,275.00	-
06/30/2039	-	-	-	-	39,550.00
08/01/2039	-	-	1,706.25	1,706.25	-
02/01/2040	35,000.00	3.250%	1,706.25	36,706.25	-
06/30/2040	-	-	-	-	38,412.50
08/01/2040	-	-	1,137.50	1,137.50	-
02/01/2041	35,000.00	3.250%	1,137.50	36,137.50	-
06/30/2041	-	-	-	-	37,275.00
08/01/2041	-	-	568.75	568.75	-
02/01/2042	35,000.00	3.250%	568.75	35,568.75	-
06/30/2042	-	-	-	-	36,137.50
<b>Total</b>	<b>\$650,000.00</b>	<b>-</b>	<b>\$299,453.33</b>	<b>\$949,453.33</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$9,420.56
Average Life.....	14.493 Years
Average Coupon.....	3.1787226%
Net Interest Cost (NIC).....	3.0106355%
True Interest Cost (TIC).....	2.9626240%
Bond Yield for Arbitrage Purposes.....	2.5776303%
All Inclusive Cost (AIC).....	3.0781118%

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Net Interest Cost.....	2.8769100%
Weighted Average Maturity.....	14.308 Years

**Town of Orleans, Massachusetts**  
**\$9,168,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$173,000 Nauset Beach Parking Lot (IE) ; Dated February 9, 2017**  
**Auth. 5/11/15 Ch.44, s.7(5)**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/09/2017	-	-	-	-	-
08/01/2017	-	-	2,876.22	2,876.22	-
02/01/2018	8,000.00	4.000%	3,010.00	11,010.00	-
06/30/2018	-	-	-	-	13,886.22
08/01/2018	-	-	2,850.00	2,850.00	-
02/01/2019	15,000.00	4.000%	2,850.00	17,850.00	-
06/30/2019	-	-	-	-	20,700.00
08/01/2019	-	-	2,550.00	2,550.00	-
02/01/2020	15,000.00	4.000%	2,550.00	17,550.00	-
06/30/2020	-	-	-	-	20,100.00
08/01/2020	-	-	2,250.00	2,250.00	-
02/01/2021	15,000.00	4.000%	2,250.00	17,250.00	-
06/30/2021	-	-	-	-	19,500.00
08/01/2021	-	-	1,950.00	1,950.00	-
02/01/2022	15,000.00	4.000%	1,950.00	16,950.00	-
06/30/2022	-	-	-	-	18,900.00
08/01/2022	-	-	1,650.00	1,650.00	-
02/01/2023	15,000.00	4.000%	1,650.00	16,650.00	-
06/30/2023	-	-	-	-	18,300.00
08/01/2023	-	-	1,350.00	1,350.00	-
02/01/2024	15,000.00	3.000%	1,350.00	16,350.00	-
06/30/2024	-	-	-	-	17,700.00
08/01/2024	-	-	1,125.00	1,125.00	-
02/01/2025	15,000.00	3.000%	1,125.00	16,125.00	-
06/30/2025	-	-	-	-	17,250.00
08/01/2025	-	-	900.00	900.00	-
02/01/2026	15,000.00	3.000%	900.00	15,900.00	-
06/30/2026	-	-	-	-	16,800.00
08/01/2026	-	-	675.00	675.00	-
02/01/2027	15,000.00	3.000%	675.00	15,675.00	-
06/30/2027	-	-	-	-	16,350.00
08/01/2027	-	-	450.00	450.00	-
02/01/2028	15,000.00	3.000%	450.00	15,450.00	-
06/30/2028	-	-	-	-	15,900.00
08/01/2028	-	-	225.00	225.00	-
02/01/2029	5,000.00	3.000%	225.00	5,225.00	-
06/30/2029	-	-	-	-	5,450.00
08/01/2029	-	-	150.00	150.00	-
02/01/2030	5,000.00	3.000%	150.00	5,150.00	-
06/30/2030	-	-	-	-	5,300.00
08/01/2030	-	-	75.00	75.00	-
02/01/2031	5,000.00	3.000%	75.00	5,075.00	-
06/30/2031	-	-	-	-	5,150.00
<b>Total</b>	<b>\$173,000.00</b>	<b>-</b>	<b>\$38,286.22</b>	<b>\$211,286.22</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,174.16
Average Life.....	6.787 Years
Average Coupon.....	3.2607451%
Net Interest Cost (NIC).....	2.3740262%
True Interest Cost (TIC).....	2.2920333%
Bond Yield for Arbitrage Purposes.....	2.5776303%
All Inclusive Cost (AIC).....	2.4991817%

**IRS Form 8038**

Net Interest Cost.....	2.0843964%
Weighted Average Maturity.....	6.754 Years

**Town of Orleans, Massachusetts**  
**\$9,168,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$663,000 Police Station (IE) ; Dated February 9, 2017**  
*Auth. 5/11/15, Ch.44, s.7(21)*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/09/2017	-	-	-	-	-
08/01/2017	-	-	10,353.44	10,353.44	-
02/01/2018	18,000.00	4.000%	10,835.00	28,835.00	-
06/30/2018	-	-	-	-	39,188.44
08/01/2018	-	-	10,475.00	10,475.00	-
02/01/2019	20,000.00	4.000%	10,475.00	30,475.00	-
06/30/2019	-	-	-	-	40,950.00
08/01/2019	-	-	10,075.00	10,075.00	-
02/01/2020	20,000.00	4.000%	10,075.00	30,075.00	-
06/30/2020	-	-	-	-	40,150.00
08/01/2020	-	-	9,675.00	9,675.00	-
02/01/2021	20,000.00	4.000%	9,675.00	29,675.00	-
06/30/2021	-	-	-	-	39,350.00
08/01/2021	-	-	9,275.00	9,275.00	-
02/01/2022	20,000.00	4.000%	9,275.00	29,275.00	-
06/30/2022	-	-	-	-	38,550.00
08/01/2022	-	-	8,875.00	8,875.00	-
02/01/2023	20,000.00	4.000%	8,875.00	28,875.00	-
06/30/2023	-	-	-	-	37,750.00
08/01/2023	-	-	8,475.00	8,475.00	-
02/01/2024	20,000.00	3.000%	8,475.00	28,475.00	-
06/30/2024	-	-	-	-	36,950.00
08/01/2024	-	-	8,175.00	8,175.00	-
02/01/2025	20,000.00	3.000%	8,175.00	28,175.00	-
06/30/2025	-	-	-	-	36,350.00
08/01/2025	-	-	7,875.00	7,875.00	-
02/01/2026	25,000.00	3.000%	7,875.00	32,875.00	-
06/30/2026	-	-	-	-	40,750.00
08/01/2026	-	-	7,500.00	7,500.00	-
02/01/2027	25,000.00	3.000%	7,500.00	32,500.00	-
06/30/2027	-	-	-	-	40,000.00
08/01/2027	-	-	7,125.00	7,125.00	-
02/01/2028	25,000.00	3.000%	7,125.00	32,125.00	-
06/30/2028	-	-	-	-	39,250.00
08/01/2028	-	-	6,750.00	6,750.00	-
02/01/2029	25,000.00	3.000%	6,750.00	31,750.00	-
06/30/2029	-	-	-	-	38,500.00
08/01/2029	-	-	6,375.00	6,375.00	-
02/01/2030	25,000.00	3.000%	6,375.00	31,375.00	-
06/30/2030	-	-	-	-	37,750.00
08/01/2030	-	-	6,000.00	6,000.00	-
02/01/2031	25,000.00	3.000%	6,000.00	31,000.00	-
06/30/2031	-	-	-	-	37,000.00
08/01/2031	-	-	5,625.00	5,625.00	-
02/01/2032	25,000.00	3.000%	5,625.00	30,625.00	-
06/30/2032	-	-	-	-	36,250.00
08/01/2032	-	-	5,250.00	5,250.00	-
02/01/2033	30,000.00	3.000%	5,250.00	35,250.00	-
06/30/2033	-	-	-	-	40,500.00
08/01/2033	-	-	4,800.00	4,800.00	-
02/01/2034	30,000.00	3.000%	4,800.00	34,800.00	-
06/30/2034	-	-	-	-	39,600.00
08/01/2034	-	-	4,350.00	4,350.00	-
02/01/2035	30,000.00	3.000%	4,350.00	34,350.00	-
06/30/2035	-	-	-	-	38,700.00
08/01/2035	-	-	3,900.00	3,900.00	-
02/01/2036	30,000.00	3.250%	3,900.00	33,900.00	-
06/30/2036	-	-	-	-	37,800.00
08/01/2036	-	-	3,412.50	3,412.50	-
02/01/2037	30,000.00	3.250%	3,412.50	33,412.50	-
06/30/2037	-	-	-	-	36,825.00
08/01/2037	-	-	2,925.00	2,925.00	-
02/01/2038	35,000.00	3.250%	2,925.00	37,925.00	-
06/30/2038	-	-	-	-	40,850.00
08/01/2038	-	-	2,356.25	2,356.25	-
02/01/2039	35,000.00	3.250%	2,356.25	37,356.25	-
06/30/2039	-	-	-	-	39,712.50
08/01/2039	-	-	1,787.50	1,787.50	-
02/01/2040	35,000.00	3.250%	1,787.50	36,787.50	-
06/30/2040	-	-	-	-	38,575.00
08/01/2040	-	-	1,218.75	1,218.75	-
02/01/2041	35,000.00	3.250%	1,218.75	36,218.75	-
06/30/2041	-	-	-	-	37,437.50
08/01/2041	-	-	650.00	650.00	-
02/01/2042	40,000.00	3.250%	650.00	40,650.00	-
06/30/2042	-	-	-	-	41,300.00
<b>Total</b>	<b>\$663,000.00</b>	<b>-</b>	<b>\$307,038.44</b>	<b>\$970,038.44</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$9,653.27
Average Life.....	14.560 Years
Average Coupon.....	3.1806688%
Net Interest Cost (NIC).....	3.0162650%
True Interest Cost (TIC).....	2.9688163%
Bond Yield for Arbitrage Purposes.....	2.5776303%
All Inclusive Cost (AIC).....	3.0840436%

**IRS Form 8038**

Net Interest Cost.....	2.8836372%
Weighted Average Maturity.....	14.375 Years

**Town of Orleans, Massachusetts**  
**\$9,168,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$2,216,000 Police Station Construction (IE) ; Dated February 9, 2017**  
*Auth. 5/9/16, Ch.44, s.7(3)*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/09/2017	-	-	-	-	-
08/01/2017	-	-	34,562.44	34,562.44	-
02/01/2018	61,000.00	4.000%	36,170.00	97,170.00	-
06/30/2018	-	-	-	-	131,732.44
08/01/2018	-	-	34,950.00	34,950.00	-
02/01/2019	60,000.00	4.000%	34,950.00	94,950.00	-
06/30/2019	-	-	-	-	129,900.00
08/01/2019	-	-	33,750.00	33,750.00	-
02/01/2020	60,000.00	4.000%	33,750.00	93,750.00	-
06/30/2020	-	-	-	-	127,500.00
08/01/2020	-	-	32,550.00	32,550.00	-
02/01/2021	65,000.00	4.000%	32,550.00	97,550.00	-
06/30/2021	-	-	-	-	130,100.00
08/01/2021	-	-	31,250.00	31,250.00	-
02/01/2022	70,000.00	4.000%	31,250.00	101,250.00	-
06/30/2022	-	-	-	-	132,500.00
08/01/2022	-	-	29,850.00	29,850.00	-
02/01/2023	70,000.00	4.000%	29,850.00	99,850.00	-
06/30/2023	-	-	-	-	129,700.00
08/01/2023	-	-	28,450.00	28,450.00	-
02/01/2024	75,000.00	3.000%	28,450.00	103,450.00	-
06/30/2024	-	-	-	-	131,900.00
08/01/2024	-	-	27,325.00	27,325.00	-
02/01/2025	75,000.00	3.000%	27,325.00	102,325.00	-
06/30/2025	-	-	-	-	129,650.00
08/01/2025	-	-	26,200.00	26,200.00	-
02/01/2026	75,000.00	3.000%	26,200.00	101,200.00	-
06/30/2026	-	-	-	-	127,400.00
08/01/2026	-	-	25,075.00	25,075.00	-
02/01/2027	80,000.00	3.000%	25,075.00	105,075.00	-
06/30/2027	-	-	-	-	130,150.00
08/01/2027	-	-	23,875.00	23,875.00	-
02/01/2028	80,000.00	3.000%	23,875.00	103,875.00	-
06/30/2028	-	-	-	-	127,750.00
08/01/2028	-	-	22,675.00	22,675.00	-
02/01/2029	85,000.00	3.000%	22,675.00	107,675.00	-
06/30/2029	-	-	-	-	130,350.00
08/01/2029	-	-	21,400.00	21,400.00	-
02/01/2030	85,000.00	3.000%	21,400.00	106,400.00	-
06/30/2030	-	-	-	-	127,800.00
08/01/2030	-	-	20,125.00	20,125.00	-
02/01/2031	90,000.00	3.000%	20,125.00	110,125.00	-
06/30/2031	-	-	-	-	130,250.00
08/01/2031	-	-	18,775.00	18,775.00	-
02/01/2032	90,000.00	3.000%	18,775.00	108,775.00	-
06/30/2032	-	-	-	-	127,550.00
08/01/2032	-	-	17,425.00	17,425.00	-
02/01/2033	95,000.00	3.000%	17,425.00	112,425.00	-
06/30/2033	-	-	-	-	129,850.00
08/01/2033	-	-	16,000.00	16,000.00	-
02/01/2034	100,000.00	3.000%	16,000.00	116,000.00	-
06/30/2034	-	-	-	-	132,000.00
08/01/2034	-	-	14,500.00	14,500.00	-
02/01/2035	100,000.00	3.000%	14,500.00	114,500.00	-
06/30/2035	-	-	-	-	129,000.00
08/01/2035	-	-	13,000.00	13,000.00	-
02/01/2036	105,000.00	3.250%	13,000.00	118,000.00	-
06/30/2036	-	-	-	-	131,000.00
08/01/2036	-	-	11,293.75	11,293.75	-
02/01/2037	105,000.00	3.250%	11,293.75	116,293.75	-
06/30/2037	-	-	-	-	127,587.50
08/01/2037	-	-	9,587.50	9,587.50	-
02/01/2038	110,000.00	3.250%	9,587.50	119,587.50	-
06/30/2038	-	-	-	-	129,175.00
08/01/2038	-	-	7,800.00	7,800.00	-
02/01/2039	115,000.00	3.250%	7,800.00	122,800.00	-
06/30/2039	-	-	-	-	130,600.00
08/01/2039	-	-	5,931.25	5,931.25	-
02/01/2040	120,000.00	3.250%	5,931.25	125,931.25	-
06/30/2040	-	-	-	-	131,862.50
08/01/2040	-	-	3,981.25	3,981.25	-
02/01/2041	120,000.00	3.250%	3,981.25	123,981.25	-
06/30/2041	-	-	-	-	127,962.50
08/01/2041	-	-	2,031.25	2,031.25	-
02/01/2042	125,000.00	3.250%	2,031.25	127,031.25	-
06/30/2042	-	-	-	-	129,062.50
<b>Total</b>	<b>\$2,216,000.00</b>	<b>-</b>	<b>\$1,026,332.44</b>	<b>\$3,242,332.44</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$32,276.76
Average Life.....	14.565 Years
Average Coupon.....	3.1797881%
Net Interest Cost (NIC).....	3.0152182%
True Interest Cost (TIC).....	2.9677723%
Bond Yield for Arbitrage Purposes.....	2.5776303%
All Inclusive Cost (AIC).....	3.0828700%

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Net Interest Cost.....	2.8823473%
Weighted Average Maturity.....	14.381 Years

**Town of Orleans, Massachusetts**  
**\$9,168,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$86,000 Nauset Beach Parking Lot II (IE) ; Dated February 9, 2017**  
*Auth. 5/9/16, Ch.44, s.7(5)*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/09/2017	-	-	-	-	-
08/01/2017	-	-	1,548.00	1,548.00	-
02/01/2018	16,000.00	4.000%	1,620.00	17,620.00	-
06/30/2018	-	-	-	-	19,168.00
08/01/2018	-	-	1,300.00	1,300.00	-
02/01/2019	10,000.00	4.000%	1,300.00	11,300.00	-
06/30/2019	-	-	-	-	12,600.00
08/01/2019	-	-	1,100.00	1,100.00	-
02/01/2020	10,000.00	4.000%	1,100.00	11,100.00	-
06/30/2020	-	-	-	-	12,200.00
08/01/2020	-	-	900.00	900.00	-
02/01/2021	10,000.00	4.000%	900.00	10,900.00	-
06/30/2021	-	-	-	-	11,800.00
08/01/2021	-	-	700.00	700.00	-
02/01/2022	10,000.00	4.000%	700.00	10,700.00	-
06/30/2022	-	-	-	-	11,400.00
08/01/2022	-	-	500.00	500.00	-
02/01/2023	10,000.00	4.000%	500.00	10,500.00	-
06/30/2023	-	-	-	-	11,000.00
08/01/2023	-	-	300.00	300.00	-
02/01/2024	10,000.00	3.000%	300.00	10,300.00	-
06/30/2024	-	-	-	-	10,600.00
08/01/2024	-	-	150.00	150.00	-
02/01/2025	5,000.00	3.000%	150.00	5,150.00	-
06/30/2025	-	-	-	-	5,300.00
08/01/2025	-	-	75.00	75.00	-
02/01/2026	5,000.00	3.000%	75.00	5,075.00	-
06/30/2026	-	-	-	-	5,150.00
<b>Total</b>	<b>\$86,000.00</b>	<b>-</b>	<b>\$13,218.00</b>	<b>\$99,218.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$369.09
Average Life.....	4.292 Years
Average Coupon.....	3.5812511%
Net Interest Cost (NIC).....	2.0945632%
True Interest Cost (TIC).....	2.0090777%
Bond Yield for Arbitrage Purposes.....	2.5776303%
All Inclusive Cost (AIC).....	2.3221338%

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Net Interest Cost.....	1.7104677%
Weighted Average Maturity.....	4.326 Years

**Town of Orleans, Massachusetts**  
*\$9,168,000 General Obligation Municipal Purpose Loan of 2017 Bonds*  
*\$71,500 Nauset Estuary Dredging (IE) ; Dated February 9, 2017*  
*Auth. 5/9/16, Ch.44, s.7(17A)*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/09/2017	-	-	-	-	-
08/01/2017	-	-	1,294.78	1,294.78	-
02/01/2018	11,500.00	4.000%	1,355.00	12,855.00	-
06/30/2018	-	-	-	-	14,149.78
08/01/2018	-	-	1,125.00	1,125.00	-
02/01/2019	10,000.00	4.000%	1,125.00	11,125.00	-
06/30/2019	-	-	-	-	12,250.00
08/01/2019	-	-	925.00	925.00	-
02/01/2020	10,000.00	4.000%	925.00	10,925.00	-
06/30/2020	-	-	-	-	11,850.00
08/01/2020	-	-	725.00	725.00	-
02/01/2021	10,000.00	4.000%	725.00	10,725.00	-
06/30/2021	-	-	-	-	11,450.00
08/01/2021	-	-	525.00	525.00	-
02/01/2022	10,000.00	4.000%	525.00	10,525.00	-
06/30/2022	-	-	-	-	11,050.00
08/01/2022	-	-	325.00	325.00	-
02/01/2023	5,000.00	4.000%	325.00	5,325.00	-
06/30/2023	-	-	-	-	5,650.00
08/01/2023	-	-	225.00	225.00	-
02/01/2024	5,000.00	3.000%	225.00	5,225.00	-
06/30/2024	-	-	-	-	5,450.00
08/01/2024	-	-	150.00	150.00	-
02/01/2025	5,000.00	3.000%	150.00	5,150.00	-
06/30/2025	-	-	-	-	5,300.00
08/01/2025	-	-	75.00	75.00	-
02/01/2026	5,000.00	3.000%	75.00	5,075.00	-
06/30/2026	-	-	-	-	5,150.00
<b>Total</b>	<b>\$71,500.00</b>	<b>-</b>	<b>\$10,799.78</b>	<b>\$82,299.78</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$299.91
Average Life.....	4.195 Years
Average Coupon.....	3.6009936%
Net Interest Cost (NIC).....	2.0790393%
True Interest Cost (TIC).....	1.9945267%
Bond Yield for Arbitrage Purposes.....	2.5776303%
All Inclusive Cost (AIC).....	2.3144497%

**IRS Form 8038**

Net Interest Cost.....	1.6928765%
Weighted Average Maturity.....	4.223 Years



**Town of Orleans, Massachusetts**  
*\$9,168,000 General Obligation Municipal Purpose Loan of 2017 Bonds*  
*\$988,625 Rock Harbor Bulkhead (IE) ; Dated February 9, 2017*  
*Auth. 5/9/16, Ch.44, s.7(33)*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/09/2017	-	-	-	-	-
08/01/2017	-	-	17,340.94	17,340.94	-
02/01/2018	113,625.00	4.000%	18,147.50	131,772.50	-
06/30/2018	-	-	-	-	149,113.44
08/01/2018	-	-	15,875.00	15,875.00	-
02/01/2019	110,000.00	4.000%	15,875.00	125,875.00	-
06/30/2019	-	-	-	-	141,750.00
08/01/2019	-	-	13,675.00	13,675.00	-
02/01/2020	110,000.00	4.000%	13,675.00	123,675.00	-
06/30/2020	-	-	-	-	137,350.00
08/01/2020	-	-	11,475.00	11,475.00	-
02/01/2021	110,000.00	4.000%	11,475.00	121,475.00	-
06/30/2021	-	-	-	-	132,950.00
08/01/2021	-	-	9,275.00	9,275.00	-
02/01/2022	110,000.00	4.000%	9,275.00	119,275.00	-
06/30/2022	-	-	-	-	128,550.00
08/01/2022	-	-	7,075.00	7,075.00	-
02/01/2023	110,000.00	4.000%	7,075.00	117,075.00	-
06/30/2023	-	-	-	-	124,150.00
08/01/2023	-	-	4,875.00	4,875.00	-
02/01/2024	110,000.00	3.000%	4,875.00	114,875.00	-
06/30/2024	-	-	-	-	119,750.00
08/01/2024	-	-	3,225.00	3,225.00	-
02/01/2025	110,000.00	3.000%	3,225.00	113,225.00	-
06/30/2025	-	-	-	-	116,450.00
08/01/2025	-	-	1,575.00	1,575.00	-
02/01/2026	105,000.00	3.000%	1,575.00	106,575.00	-
06/30/2026	-	-	-	-	108,150.00
<b>Total</b>	<b>\$988,625.00</b>	<b>-</b>	<b>\$169,588.44</b>	<b>\$1,158,213.44</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$4,886.66
Average Life.....	4.943 Years
Average Coupon.....	3.4704398%
Net Interest Cost (NIC).....	2.1404707%
True Interest Cost (TIC).....	2.0557412%
Bond Yield for Arbitrage Purposes.....	2.5776303%
All Inclusive Cost (AIC).....	2.3296693%

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Net Interest Cost.....	1.7864920%
Weighted Average Maturity.....	4.962 Years

**Town of Orleans, Massachusetts**  
**\$9,168,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$47,625 Nauset Estuary Study (I) ; Dated February 9, 2017**  
**Auth. 5/11/15, Ch.44, s.7(22)**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/09/2017	-	-	-	-	-
08/01/2017	-	-	838.50	838.50	-
02/01/2018	7,625.00	4.000%	877.50	8,502.50	-
06/30/2018	-	-	-	-	9,341.00
08/01/2018	-	-	725.00	725.00	-
02/01/2019	5,000.00	4.000%	725.00	5,725.00	-
06/30/2019	-	-	-	-	6,450.00
08/01/2019	-	-	625.00	625.00	-
02/01/2020	5,000.00	4.000%	625.00	5,625.00	-
06/30/2020	-	-	-	-	6,250.00
08/01/2020	-	-	525.00	525.00	-
02/01/2021	5,000.00	4.000%	525.00	5,525.00	-
06/30/2021	-	-	-	-	6,050.00
08/01/2021	-	-	425.00	425.00	-
02/01/2022	5,000.00	4.000%	425.00	5,425.00	-
06/30/2022	-	-	-	-	5,850.00
08/01/2022	-	-	325.00	325.00	-
02/01/2023	5,000.00	4.000%	325.00	5,325.00	-
06/30/2023	-	-	-	-	5,650.00
08/01/2023	-	-	225.00	225.00	-
02/01/2024	5,000.00	3.000%	225.00	5,225.00	-
06/30/2024	-	-	-	-	5,450.00
08/01/2024	-	-	150.00	150.00	-
02/01/2025	5,000.00	3.000%	150.00	5,150.00	-
06/30/2025	-	-	-	-	5,300.00
08/01/2025	-	-	75.00	75.00	-
02/01/2026	5,000.00	3.000%	75.00	5,075.00	-
06/30/2026	-	-	-	-	5,150.00
<b>Total</b>	<b>\$47,625.00</b>	<b>-</b>	<b>\$7,866.00</b>	<b>\$55,491.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$226.57
Average Life.....	4.757 Years
Average Coupon.....	3.4718258%
Net Interest Cost (NIC).....	2.1427291%
True Interest Cost (TIC).....	2.0586621%
Bond Yield for Arbitrage Purposes.....	2.5776303%
All Inclusive Cost (AIC).....	2.3434028%

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Net Interest Cost.....	1.7821145%
Weighted Average Maturity.....	4.784 Years

**Town of Orleans, Massachusetts**  
**\$9,168,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$667,750 Water Mains (O) ; Dated February 9, 2017**  
**Auth. 5/11/15, Ch.44, s.8(5)**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/09/2017	-	-	-	-	-
08/01/2017	-	-	10,635.33	10,635.33	-
02/01/2018	32,750.00	4.000%	11,130.00	43,880.00	-
06/30/2018	-	-	-	-	54,515.33
08/01/2018	-	-	10,475.00	10,475.00	-
02/01/2019	30,000.00	4.000%	10,475.00	40,475.00	-
06/30/2019	-	-	-	-	50,950.00
08/01/2019	-	-	9,875.00	9,875.00	-
02/01/2020	30,000.00	4.000%	9,875.00	39,875.00	-
06/30/2020	-	-	-	-	49,750.00
08/01/2020	-	-	9,275.00	9,275.00	-
02/01/2021	30,000.00	4.000%	9,275.00	39,275.00	-
06/30/2021	-	-	-	-	48,550.00
08/01/2021	-	-	8,675.00	8,675.00	-
02/01/2022	30,000.00	4.000%	8,675.00	38,675.00	-
06/30/2022	-	-	-	-	47,350.00
08/01/2022	-	-	8,075.00	8,075.00	-
02/01/2023	30,000.00	4.000%	8,075.00	38,075.00	-
06/30/2023	-	-	-	-	46,150.00
08/01/2023	-	-	7,475.00	7,475.00	-
02/01/2024	30,000.00	3.000%	7,475.00	37,475.00	-
06/30/2024	-	-	-	-	44,950.00
08/01/2024	-	-	7,025.00	7,025.00	-
02/01/2025	30,000.00	3.000%	7,025.00	37,025.00	-
06/30/2025	-	-	-	-	44,050.00
08/01/2025	-	-	6,575.00	6,575.00	-
02/01/2026	30,000.00	3.000%	6,575.00	36,575.00	-
06/30/2026	-	-	-	-	43,150.00
08/01/2026	-	-	6,125.00	6,125.00	-
02/01/2027	30,000.00	3.000%	6,125.00	36,125.00	-
06/30/2027	-	-	-	-	42,250.00
08/01/2027	-	-	5,675.00	5,675.00	-
02/01/2028	30,000.00	3.000%	5,675.00	35,675.00	-
06/30/2028	-	-	-	-	41,350.00
08/01/2028	-	-	5,225.00	5,225.00	-
02/01/2029	25,000.00	3.000%	5,225.00	30,225.00	-
06/30/2029	-	-	-	-	35,450.00
08/01/2029	-	-	4,850.00	4,850.00	-
02/01/2030	25,000.00	3.000%	4,850.00	29,850.00	-
06/30/2030	-	-	-	-	34,700.00
08/01/2030	-	-	4,475.00	4,475.00	-
02/01/2031	25,000.00	3.000%	4,475.00	29,475.00	-
06/30/2031	-	-	-	-	33,950.00
08/01/2031	-	-	4,100.00	4,100.00	-
02/01/2032	25,000.00	3.000%	4,100.00	29,100.00	-
06/30/2032	-	-	-	-	33,200.00
08/01/2032	-	-	3,725.00	3,725.00	-
02/01/2033	25,000.00	3.000%	3,725.00	28,725.00	-
06/30/2033	-	-	-	-	32,450.00
08/01/2033	-	-	3,350.00	3,350.00	-
02/01/2034	25,000.00	3.000%	3,350.00	28,350.00	-
06/30/2034	-	-	-	-	31,700.00
08/01/2034	-	-	2,975.00	2,975.00	-
02/01/2035	25,000.00	3.000%	2,975.00	27,975.00	-
06/30/2035	-	-	-	-	30,950.00
08/01/2035	-	-	2,600.00	2,600.00	-
02/01/2036	25,000.00	3.250%	2,600.00	27,600.00	-
06/30/2036	-	-	-	-	30,200.00
08/01/2036	-	-	2,193.75	2,193.75	-
02/01/2037	25,000.00	3.250%	2,193.75	27,193.75	-
06/30/2037	-	-	-	-	29,387.50
08/01/2037	-	-	1,787.50	1,787.50	-
02/01/2038	25,000.00	3.250%	1,787.50	26,787.50	-
06/30/2038	-	-	-	-	28,575.00
08/01/2038	-	-	1,381.25	1,381.25	-
02/01/2039	25,000.00	3.250%	1,381.25	26,381.25	-
06/30/2039	-	-	-	-	27,762.50
08/01/2039	-	-	975.00	975.00	-
02/01/2040	20,000.00	3.250%	975.00	20,975.00	-
06/30/2040	-	-	-	-	21,950.00
08/01/2040	-	-	650.00	650.00	-
02/01/2041	20,000.00	3.250%	650.00	20,650.00	-
06/30/2041	-	-	-	-	21,300.00
08/01/2041	-	-	325.00	325.00	-
02/01/2042	20,000.00	3.250%	325.00	20,325.00	-
06/30/2042	-	-	-	-	20,650.00
<b>Total</b>	<b>\$667,750.00</b>	<b>-</b>	<b>\$257,490.33</b>	<b>\$925,240.33</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$8,082.91
Average Life.....	12.105 Years
Average Coupon.....	3.1856138%
Net Interest Cost (NIC).....	2.9099426%
True Interest Cost (TIC).....	2.8460254%
Bond Yield for Arbitrage Purposes.....	2.5776303%
All Inclusive Cost (AIC).....	2.9792026%

**IRS Form 8038**

Net Interest Cost.....	2.7466493%
Weighted Average Maturity.....	11.924 Years

**Town of Orleans, Massachusetts**  
**\$9,168,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$587,875 Water - Wells 1-3 & 6-8 (O) ; Dated February 9, 2017**  
**Auth. 5/11/15, Ch.44, s.8(5)**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/09/2017	-	-	-	-	-
08/01/2017	-	-	9,323.83	9,323.83	-
02/01/2018	27,875.00	4.000%	9,757.50	37,632.50	-
06/30/2018	-	-	-	-	46,956.33
08/01/2018	-	-	9,200.00	9,200.00	-
02/01/2019	25,000.00	4.000%	9,200.00	34,200.00	-
06/30/2019	-	-	-	-	43,400.00
08/01/2019	-	-	8,700.00	8,700.00	-
02/01/2020	25,000.00	4.000%	8,700.00	33,700.00	-
06/30/2020	-	-	-	-	42,400.00
08/01/2020	-	-	8,200.00	8,200.00	-
02/01/2021	25,000.00	4.000%	8,200.00	33,200.00	-
06/30/2021	-	-	-	-	41,400.00
08/01/2021	-	-	7,700.00	7,700.00	-
02/01/2022	25,000.00	4.000%	7,700.00	32,700.00	-
06/30/2022	-	-	-	-	40,400.00
08/01/2022	-	-	7,200.00	7,200.00	-
02/01/2023	25,000.00	4.000%	7,200.00	32,200.00	-
06/30/2023	-	-	-	-	39,400.00
08/01/2023	-	-	6,700.00	6,700.00	-
02/01/2024	25,000.00	3.000%	6,700.00	31,700.00	-
06/30/2024	-	-	-	-	38,400.00
08/01/2024	-	-	6,325.00	6,325.00	-
02/01/2025	25,000.00	3.000%	6,325.00	31,325.00	-
06/30/2025	-	-	-	-	37,650.00
08/01/2025	-	-	5,950.00	5,950.00	-
02/01/2026	25,000.00	3.000%	5,950.00	30,950.00	-
06/30/2026	-	-	-	-	36,900.00
08/01/2026	-	-	5,575.00	5,575.00	-
02/01/2027	25,000.00	3.000%	5,575.00	30,575.00	-
06/30/2027	-	-	-	-	36,150.00
08/01/2027	-	-	5,200.00	5,200.00	-
02/01/2028	25,000.00	3.000%	5,200.00	30,200.00	-
06/30/2028	-	-	-	-	35,400.00
08/01/2028	-	-	4,825.00	4,825.00	-
02/01/2029	25,000.00	3.000%	4,825.00	29,825.00	-
06/30/2029	-	-	-	-	34,650.00
08/01/2029	-	-	4,450.00	4,450.00	-
02/01/2030	25,000.00	3.000%	4,450.00	29,450.00	-
06/30/2030	-	-	-	-	33,900.00
08/01/2030	-	-	4,075.00	4,075.00	-
02/01/2031	25,000.00	3.000%	4,075.00	29,075.00	-
06/30/2031	-	-	-	-	33,150.00
08/01/2031	-	-	3,700.00	3,700.00	-
02/01/2032	25,000.00	3.000%	3,700.00	28,700.00	-
06/30/2032	-	-	-	-	32,400.00
08/01/2032	-	-	3,325.00	3,325.00	-
02/01/2033	25,000.00	3.000%	3,325.00	28,325.00	-
06/30/2033	-	-	-	-	31,650.00
08/01/2033	-	-	2,950.00	2,950.00	-
02/01/2034	25,000.00	3.000%	2,950.00	27,950.00	-
06/30/2034	-	-	-	-	30,900.00
08/01/2034	-	-	2,575.00	2,575.00	-
02/01/2035	20,000.00	3.000%	2,575.00	22,575.00	-
06/30/2035	-	-	-	-	25,150.00
08/01/2035	-	-	2,275.00	2,275.00	-
02/01/2036	20,000.00	3.250%	2,275.00	22,275.00	-
06/30/2036	-	-	-	-	24,550.00
08/01/2036	-	-	1,950.00	1,950.00	-
02/01/2037	20,000.00	3.250%	1,950.00	21,950.00	-
06/30/2037	-	-	-	-	23,900.00
08/01/2037	-	-	1,625.00	1,625.00	-
02/01/2038	20,000.00	3.250%	1,625.00	21,625.00	-
06/30/2038	-	-	-	-	23,250.00
08/01/2038	-	-	1,300.00	1,300.00	-
02/01/2039	20,000.00	3.250%	1,300.00	21,300.00	-
06/30/2039	-	-	-	-	22,600.00
08/01/2039	-	-	975.00	975.00	-
02/01/2040	20,000.00	3.250%	975.00	20,975.00	-
06/30/2040	-	-	-	-	21,950.00
08/01/2040	-	-	650.00	650.00	-
02/01/2041	20,000.00	3.250%	650.00	20,650.00	-
06/30/2041	-	-	-	-	21,300.00
08/01/2041	-	-	325.00	325.00	-
02/01/2042	20,000.00	3.250%	325.00	20,325.00	-
06/30/2042	-	-	-	-	20,650.00
<b>Total</b>	<b>\$587,875.00</b>	<b>-</b>	<b>\$230,581.33</b>	<b>\$818,456.33</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$7,254.81
Average Life.....	12.341 Years
Average Coupon.....	3.1783230%
Net Interest Cost (NIC).....	2.9190261%
True Interest Cost (TIC).....	2.8576748%
Bond Yield for Arbitrage Purposes.....	2.5776303%
All Inclusive Cost (AIC).....	2.9887723%

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Net Interest Cost.....	2.7595464%
Weighted Average Maturity.....	12.161 Years

**Town of Orleans, Massachusetts**  
*\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds*  
*\$8,402,100 Police Station Construction (IE) Dated November 16, 2017*  
*Ch. 44, s. 7(1), auth. 5/9/2016*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	422,100.00	5.000%	276,537.63	698,637.63	-
03/15/2019	-	-	155,925.00	155,925.00	-
06/30/2019	-	-	-	-	854,562.63
09/15/2019	420,000.00	5.000%	155,925.00	575,925.00	-
03/15/2020	-	-	145,425.00	145,425.00	-
06/30/2020	-	-	-	-	721,350.00
09/15/2020	420,000.00	5.000%	145,425.00	565,425.00	-
03/15/2021	-	-	134,925.00	134,925.00	-
06/30/2021	-	-	-	-	700,350.00
09/15/2021	420,000.00	5.000%	134,925.00	554,925.00	-
03/15/2022	-	-	124,425.00	124,425.00	-
06/30/2022	-	-	-	-	679,350.00
09/15/2022	420,000.00	2.250%	124,425.00	544,425.00	-
03/15/2023	-	-	119,700.00	119,700.00	-
06/30/2023	-	-	-	-	664,125.00
09/15/2023	420,000.00	5.000%	119,700.00	539,700.00	-
03/15/2024	-	-	109,200.00	109,200.00	-
06/30/2024	-	-	-	-	648,900.00
09/15/2024	420,000.00	5.000%	109,200.00	529,200.00	-
03/15/2025	-	-	98,700.00	98,700.00	-
06/30/2025	-	-	-	-	627,900.00
09/15/2025	420,000.00	5.000%	98,700.00	518,700.00	-
03/15/2026	-	-	88,200.00	88,200.00	-
06/30/2026	-	-	-	-	606,900.00
09/15/2026	420,000.00	5.000%	88,200.00	508,200.00	-
03/15/2027	-	-	77,700.00	77,700.00	-
06/30/2027	-	-	-	-	585,900.00
09/15/2027	420,000.00	5.000%	77,700.00	497,700.00	-
03/15/2028	-	-	67,200.00	67,200.00	-
06/30/2028	-	-	-	-	564,900.00
09/15/2028	420,000.00	4.000%	67,200.00	487,200.00	-
03/15/2029	-	-	58,800.00	58,800.00	-
06/30/2029	-	-	-	-	546,000.00
09/15/2029	420,000.00	4.000%	58,800.00	478,800.00	-
03/15/2030	-	-	50,400.00	50,400.00	-
06/30/2030	-	-	-	-	529,200.00
09/15/2030	420,000.00	3.000%	50,400.00	470,400.00	-
03/15/2031	-	-	44,100.00	44,100.00	-
06/30/2031	-	-	-	-	514,500.00
09/15/2031	420,000.00	3.000%	44,100.00	464,100.00	-
03/15/2032	-	-	37,800.00	37,800.00	-
06/30/2032	-	-	-	-	501,900.00
09/15/2032	420,000.00	3.000%	37,800.00	457,800.00	-
03/15/2033	-	-	31,500.00	31,500.00	-
06/30/2033	-	-	-	-	489,300.00
09/15/2033	420,000.00	3.000%	31,500.00	451,500.00	-
03/15/2034	-	-	25,200.00	25,200.00	-
06/30/2034	-	-	-	-	476,700.00
09/15/2034	420,000.00	3.000%	25,200.00	445,200.00	-
03/15/2035	-	-	18,900.00	18,900.00	-
06/30/2035	-	-	-	-	464,100.00
09/15/2035	420,000.00	3.000%	18,900.00	438,900.00	-
03/15/2036	-	-	12,600.00	12,600.00	-
06/30/2036	-	-	-	-	451,500.00
09/15/2036	420,000.00	3.000%	12,600.00	432,600.00	-
03/15/2037	-	-	6,300.00	6,300.00	-
06/30/2037	-	-	-	-	438,900.00
09/15/2037	420,000.00	3.000%	6,300.00	426,300.00	-
06/30/2038	-	-	-	-	426,300.00
<b>Total</b>	<b>\$8,402,100.00</b>	<b>-</b>	<b>\$3,090,537.63</b>	<b>\$11,492,637.63</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$86,778.41
Average Life.....	10.328 Years
Average Coupon.....	3.5614130%
Net Interest Cost (NIC).....	2.6924686%
True Interest Cost (TIC).....	2.5663714%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	2.6286494%

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Net Interest Cost.....	2.5056707%
Weighted Average Maturity.....	10.077 Years

**Town of Orleans, Massachusetts**  
**\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$458,000 DPW Facility (IE) Dated November 16, 2017**  
**Ch. 44, s. 7(7), auth. 5/9/2016**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	25,000.00	5.000%	15,408.88	40,408.88	-
03/15/2019	-	-	8,651.25	8,651.25	-
06/30/2019	-	-	-	-	49,060.13
09/15/2019	25,000.00	5.000%	8,651.25	33,651.25	-
03/15/2020	-	-	8,026.25	8,026.25	-
06/30/2020	-	-	-	-	41,677.50
09/15/2020	25,000.00	5.000%	8,026.25	33,026.25	-
03/15/2021	-	-	7,401.25	7,401.25	-
06/30/2021	-	-	-	-	40,427.50
09/15/2021	25,000.00	5.000%	7,401.25	32,401.25	-
03/15/2022	-	-	6,776.25	6,776.25	-
06/30/2022	-	-	-	-	39,177.50
09/15/2022	25,000.00	2.250%	6,776.25	31,776.25	-
03/15/2023	-	-	6,495.00	6,495.00	-
06/30/2023	-	-	-	-	38,271.25
09/15/2023	25,000.00	5.000%	6,495.00	31,495.00	-
03/15/2024	-	-	5,870.00	5,870.00	-
06/30/2024	-	-	-	-	37,365.00
09/15/2024	25,000.00	5.000%	5,870.00	30,870.00	-
03/15/2025	-	-	5,245.00	5,245.00	-
06/30/2025	-	-	-	-	36,115.00
09/15/2025	25,000.00	5.000%	5,245.00	30,245.00	-
03/15/2026	-	-	4,620.00	4,620.00	-
06/30/2026	-	-	-	-	34,865.00
09/15/2026	25,000.00	5.000%	4,620.00	29,620.00	-
03/15/2027	-	-	3,995.00	3,995.00	-
06/30/2027	-	-	-	-	33,615.00
09/15/2027	25,000.00	5.000%	3,995.00	28,995.00	-
03/15/2028	-	-	3,370.00	3,370.00	-
06/30/2028	-	-	-	-	32,365.00
09/15/2028	25,000.00	4.000%	3,370.00	28,370.00	-
03/15/2029	-	-	2,870.00	2,870.00	-
06/30/2029	-	-	-	-	31,240.00
09/15/2029	25,000.00	4.000%	2,870.00	27,870.00	-
03/15/2030	-	-	2,370.00	2,370.00	-
06/30/2030	-	-	-	-	30,240.00
09/15/2030	20,000.00	3.000%	2,370.00	22,370.00	-
03/15/2031	-	-	2,070.00	2,070.00	-
06/30/2031	-	-	-	-	24,440.00
09/15/2031	20,000.00	3.000%	2,070.00	22,070.00	-
03/15/2032	-	-	1,770.00	1,770.00	-
06/30/2032	-	-	-	-	23,840.00
09/15/2032	20,000.00	3.000%	1,770.00	21,770.00	-
03/15/2033	-	-	1,470.00	1,470.00	-
06/30/2033	-	-	-	-	23,240.00
09/15/2033	20,000.00	3.000%	1,470.00	21,470.00	-
03/15/2034	-	-	1,170.00	1,170.00	-
06/30/2034	-	-	-	-	22,640.00
09/15/2034	20,000.00	3.000%	1,170.00	21,170.00	-
03/15/2035	-	-	870.00	870.00	-
06/30/2035	-	-	-	-	22,040.00
09/15/2035	20,000.00	3.000%	870.00	20,870.00	-
03/15/2036	-	-	570.00	570.00	-
06/30/2036	-	-	-	-	21,440.00
09/15/2036	20,000.00	3.000%	570.00	20,570.00	-
03/15/2037	-	-	270.00	270.00	-
06/30/2037	-	-	-	-	20,840.00
09/15/2037	18,000.00	3.000%	270.00	18,270.00	-
06/30/2038	-	-	-	-	18,270.00
<b>Total</b>	<b>\$458,000.00</b>	<b>-</b>	<b>\$163,168.88</b>	<b>\$621,168.88</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$4,472.39
Average Life.....	9.765 Years
Average Coupon.....	3.6483562%
Net Interest Cost (NIC).....	2.6420802%
True Interest Cost (TIC).....	2.5028984%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	2.5677018%

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Net Interest Cost.....	2.4329530%
Weighted Average Maturity.....	9.548 Years

**Town of Orleans, Massachusetts**  
*\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds*  
*\$12,523,000 DPW Central Garage (IE) Dated November 16, 2017*  
*Ch. 44, s. 7(1), auth. 5/8/2017*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	630,000.00	5.000%	412,258.71	1,042,258.71	-
03/15/2019	-	-	232,432.50	232,432.50	-
06/30/2019	-	-	-	-	1,274,691.21
09/15/2019	630,000.00	5.000%	232,432.50	862,432.50	-
03/15/2020	-	-	216,682.50	216,682.50	-
06/30/2020	-	-	-	-	1,079,115.00
09/15/2020	630,000.00	5.000%	216,682.50	846,682.50	-
03/15/2021	-	-	200,932.50	200,932.50	-
06/30/2021	-	-	-	-	1,047,615.00
09/15/2021	630,000.00	5.000%	200,932.50	830,932.50	-
03/15/2022	-	-	185,182.50	185,182.50	-
06/30/2022	-	-	-	-	1,016,115.00
09/15/2022	630,000.00	2.250%	185,182.50	815,182.50	-
03/15/2023	-	-	178,095.00	178,095.00	-
06/30/2023	-	-	-	-	993,277.50
09/15/2023	625,000.00	5.000%	178,095.00	803,095.00	-
03/15/2024	-	-	162,470.00	162,470.00	-
06/30/2024	-	-	-	-	965,565.00
09/15/2024	625,000.00	5.000%	162,470.00	787,470.00	-
03/15/2025	-	-	146,845.00	146,845.00	-
06/30/2025	-	-	-	-	934,315.00
09/15/2025	625,000.00	5.000%	146,845.00	771,845.00	-
03/15/2026	-	-	131,220.00	131,220.00	-
06/30/2026	-	-	-	-	903,065.00
09/15/2026	625,000.00	5.000%	131,220.00	756,220.00	-
03/15/2027	-	-	115,595.00	115,595.00	-
06/30/2027	-	-	-	-	871,815.00
09/15/2027	625,000.00	5.000%	115,595.00	740,595.00	-
03/15/2028	-	-	99,970.00	99,970.00	-
06/30/2028	-	-	-	-	840,565.00
09/15/2028	625,000.00	4.000%	99,970.00	724,970.00	-
03/15/2029	-	-	87,470.00	87,470.00	-
06/30/2029	-	-	-	-	812,440.00
09/15/2029	625,000.00	4.000%	87,470.00	712,470.00	-
03/15/2030	-	-	74,970.00	74,970.00	-
06/30/2030	-	-	-	-	787,440.00
09/15/2030	625,000.00	3.000%	74,970.00	699,970.00	-
03/15/2031	-	-	65,595.00	65,595.00	-
06/30/2031	-	-	-	-	765,565.00
09/15/2031	625,000.00	3.000%	65,595.00	690,595.00	-
03/15/2032	-	-	56,220.00	56,220.00	-
06/30/2032	-	-	-	-	746,815.00
09/15/2032	625,000.00	3.000%	56,220.00	681,220.00	-
03/15/2033	-	-	46,845.00	46,845.00	-
06/30/2033	-	-	-	-	728,065.00
09/15/2033	625,000.00	3.000%	46,845.00	671,845.00	-
03/15/2034	-	-	37,470.00	37,470.00	-
06/30/2034	-	-	-	-	709,315.00
09/15/2034	625,000.00	3.000%	37,470.00	662,470.00	-
03/15/2035	-	-	28,095.00	28,095.00	-
06/30/2035	-	-	-	-	690,565.00
09/15/2035	625,000.00	3.000%	28,095.00	653,095.00	-
03/15/2036	-	-	18,720.00	18,720.00	-
06/30/2036	-	-	-	-	671,815.00
09/15/2036	625,000.00	3.000%	18,720.00	643,720.00	-
03/15/2037	-	-	9,345.00	9,345.00	-
06/30/2037	-	-	-	-	653,065.00
09/15/2037	623,000.00	3.000%	9,345.00	632,345.00	-
06/30/2038	-	-	-	-	632,345.00
<b>Total</b>	<b>\$12,523,000.00</b>	<b>-</b>	<b>\$4,600,568.71</b>	<b>\$17,123,568.71</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$129,163.05
Average Life.....	10.314 Years
Average Coupon.....	3.5618304%
Net Interest Cost (NIC).....	2.6916634%
True Interest Cost (TIC).....	2.5654887%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	2.6278403%

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Net Interest Cost.....	2.5048006%
Weighted Average Maturity.....	10.063 Years

**Town of Orleans, Massachusetts**  
**\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$2,111,500 Rock Harbor Bulkhead (IE) Dated November 16, 2017**  
*Ch. 44, s. 7(1), auth. 5/9/2016*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	235,000.00	5.000%	82,318.44	317,318.44	-
03/15/2019	-	-	43,681.25	43,681.25	-
06/30/2019	-	-	-	-	360,999.69
09/15/2019	235,000.00	5.000%	43,681.25	278,681.25	-
03/15/2020	-	-	37,806.25	37,806.25	-
06/30/2020	-	-	-	-	316,487.50
09/15/2020	235,000.00	5.000%	37,806.25	272,806.25	-
03/15/2021	-	-	31,931.25	31,931.25	-
06/30/2021	-	-	-	-	304,737.50
09/15/2021	235,000.00	5.000%	31,931.25	266,931.25	-
03/15/2022	-	-	26,056.25	26,056.25	-
06/30/2022	-	-	-	-	292,987.50
09/15/2022	235,000.00	2.250%	26,056.25	261,056.25	-
03/15/2023	-	-	23,412.50	23,412.50	-
06/30/2023	-	-	-	-	284,468.75
09/15/2023	235,000.00	5.000%	23,412.50	258,412.50	-
03/15/2024	-	-	17,537.50	17,537.50	-
06/30/2024	-	-	-	-	275,950.00
09/15/2024	235,000.00	5.000%	17,537.50	252,537.50	-
03/15/2025	-	-	11,662.50	11,662.50	-
06/30/2025	-	-	-	-	264,200.00
09/15/2025	235,000.00	5.000%	11,662.50	246,662.50	-
03/15/2026	-	-	5,787.50	5,787.50	-
06/30/2026	-	-	-	-	252,450.00
09/15/2026	231,500.00	5.000%	5,787.50	237,287.50	-
06/30/2027	-	-	-	-	237,287.50
<b>Total</b>	<b>\$2,111,500.00</b>	<b>-</b>	<b>\$478,068.44</b>	<b>\$2,589,568.44</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$10,185.72
Average Life.....	4.824 Years
Average Coupon.....	4.6935173%
Net Interest Cost (NIC).....	1.8142400%
True Interest Cost (TIC).....	1.6477537%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	1.7609101%

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Net Interest Cost.....	1.4984089%
Weighted Average Maturity.....	4.981 Years



**Town of Orleans, Massachusetts**  
*\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds*  
*\$259,000 Nauset Beach Parking Lot (IE) Dated November 16, 2017*  
*Ch. 44, s. 7(1), auth. 5/9/2016*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	30,000.00	5.000%	10,184.69	40,184.69	-
03/15/2019	-	-	5,381.25	5,381.25	-
06/30/2019	-	-	-	-	45,565.94
09/15/2019	30,000.00	5.000%	5,381.25	35,381.25	-
03/15/2020	-	-	4,631.25	4,631.25	-
06/30/2020	-	-	-	-	40,012.50
09/15/2020	25,000.00	5.000%	4,631.25	29,631.25	-
03/15/2021	-	-	4,006.25	4,006.25	-
06/30/2021	-	-	-	-	33,637.50
09/15/2021	25,000.00	5.000%	4,006.25	29,006.25	-
03/15/2022	-	-	3,381.25	3,381.25	-
06/30/2022	-	-	-	-	32,387.50
09/15/2022	25,000.00	2.250%	3,381.25	28,381.25	-
03/15/2023	-	-	3,100.00	3,100.00	-
06/30/2023	-	-	-	-	31,481.25
09/15/2023	25,000.00	5.000%	3,100.00	28,100.00	-
03/15/2024	-	-	2,475.00	2,475.00	-
06/30/2024	-	-	-	-	30,575.00
09/15/2024	25,000.00	5.000%	2,475.00	27,475.00	-
03/15/2025	-	-	1,850.00	1,850.00	-
06/30/2025	-	-	-	-	29,325.00
09/15/2025	25,000.00	5.000%	1,850.00	26,850.00	-
03/15/2026	-	-	1,225.00	1,225.00	-
06/30/2026	-	-	-	-	28,075.00
09/15/2026	25,000.00	5.000%	1,225.00	26,225.00	-
03/15/2027	-	-	600.00	600.00	-
06/30/2027	-	-	-	-	26,825.00
09/15/2027	24,000.00	5.000%	600.00	24,600.00	-
06/30/2028	-	-	-	-	24,600.00
<b>Total</b>	<b>\$259,000.00</b>	<b>-</b>	<b>\$63,484.69</b>	<b>\$322,484.69</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,336.11
Average Life.....	5.159 Years
Average Coupon.....	4.7514430%
Net Interest Cost (NIC).....	1.9019254%
True Interest Cost (TIC).....	1.7148247%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	1.8206040%

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Net Interest Cost.....	1.5567669%
Weighted Average Maturity.....	5.353 Years

**Town of Orleans, Massachusetts**  
**\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$83,500 Nauset Estuary Dredging 1 (IE) Dated November 16, 2017**  
**Ch. 44, s. 7(1), auth. 5/9/2016**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	10,000.00	5.000%	3,239.17	13,239.17	-
03/15/2019	-	-	1,700.00	1,700.00	-
06/30/2019	-	-	-	-	14,939.17
09/15/2019	10,000.00	5.000%	1,700.00	11,700.00	-
03/15/2020	-	-	1,450.00	1,450.00	-
06/30/2020	-	-	-	-	13,150.00
09/15/2020	10,000.00	5.000%	1,450.00	11,450.00	-
03/15/2021	-	-	1,200.00	1,200.00	-
06/30/2021	-	-	-	-	12,650.00
09/15/2021	10,000.00	5.000%	1,200.00	11,200.00	-
03/15/2022	-	-	950.00	950.00	-
06/30/2022	-	-	-	-	12,150.00
09/15/2022	10,000.00	2.250%	950.00	10,950.00	-
03/15/2023	-	-	837.50	837.50	-
06/30/2023	-	-	-	-	11,787.50
09/15/2023	10,000.00	5.000%	837.50	10,837.50	-
03/15/2024	-	-	587.50	587.50	-
06/30/2024	-	-	-	-	11,425.00
09/15/2024	10,000.00	5.000%	587.50	10,587.50	-
03/15/2025	-	-	337.50	337.50	-
06/30/2025	-	-	-	-	10,925.00
09/15/2025	10,000.00	5.000%	337.50	10,337.50	-
03/15/2026	-	-	87.50	87.50	-
06/30/2026	-	-	-	-	10,425.00
09/15/2026	3,500.00	5.000%	87.50	3,587.50	-
06/30/2027	-	-	-	-	3,587.50
<b>Total</b>	<b>\$83,500.00</b>	<b>-</b>	<b>\$17,539.17</b>	<b>\$101,039.17</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$377.35
Average Life.....	4.519 Years
Average Coupon.....	4.6479675%
Net Interest Cost (NIC).....	1.7559919%
True Interest Cost (TIC).....	1.6031211%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	1.7240106%

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Net Interest Cost.....	1.4592031%
Weighted Average Maturity.....	4.658 Years

**Town of Orleans, Massachusetts**  
*\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds*  
*\$147,500 Nauset Estuary Dredging 2 (IE) Dated November 16, 2017*  
*Ch. 44, s. 7(1), auth. 5/9/2016*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	15,000.00	5.000%	5,782.74	20,782.74	-
03/15/2019	-	-	3,106.25	3,106.25	-
06/30/2019	-	-	-	-	23,888.99
09/15/2019	15,000.00	5.000%	3,106.25	18,106.25	-
03/15/2020	-	-	2,731.25	2,731.25	-
06/30/2020	-	-	-	-	20,837.50
09/15/2020	15,000.00	5.000%	2,731.25	17,731.25	-
03/15/2021	-	-	2,356.25	2,356.25	-
06/30/2021	-	-	-	-	20,087.50
09/15/2021	15,000.00	5.000%	2,356.25	17,356.25	-
03/15/2022	-	-	1,981.25	1,981.25	-
06/30/2022	-	-	-	-	19,337.50
09/15/2022	15,000.00	2.250%	1,981.25	16,981.25	-
03/15/2023	-	-	1,812.50	1,812.50	-
06/30/2023	-	-	-	-	18,793.75
09/15/2023	15,000.00	5.000%	1,812.50	16,812.50	-
03/15/2024	-	-	1,437.50	1,437.50	-
06/30/2024	-	-	-	-	18,250.00
09/15/2024	15,000.00	5.000%	1,437.50	16,437.50	-
03/15/2025	-	-	1,062.50	1,062.50	-
06/30/2025	-	-	-	-	17,500.00
09/15/2025	15,000.00	5.000%	1,062.50	16,062.50	-
03/15/2026	-	-	687.50	687.50	-
06/30/2026	-	-	-	-	16,750.00
09/15/2026	15,000.00	5.000%	687.50	15,687.50	-
03/15/2027	-	-	312.50	312.50	-
06/30/2027	-	-	-	-	16,000.00
09/15/2027	12,500.00	5.000%	312.50	12,812.50	-
06/30/2028	-	-	-	-	12,812.50
<b>Total</b>	<b>\$147,500.00</b>	<b>-</b>	<b>\$36,757.74</b>	<b>\$184,257.74</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$775.01
Average Life.....	5.254 Years
Average Coupon.....	4.7428917%
Net Interest Cost (NIC).....	1.8975843%
True Interest Cost (TIC).....	1.7114880%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	1.8153438%

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Net Interest Cost.....	1.5542747%
Weighted Average Maturity.....	5.439 Years

**Town of Orleans, Massachusetts**  
*\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds*  
*\$761,000 Tri-Town Septage Facility (IE) Dated November 16, 2017*  
*Ch. 44, s. 7(1), auth. 5/8/2017*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	80,000.00	5.000%	29,889.62	109,889.62	-
03/15/2019	-	-	15,993.75	15,993.75	-
06/30/2019	-	-	-	-	125,883.37
09/15/2019	80,000.00	5.000%	15,993.75	95,993.75	-
03/15/2020	-	-	13,993.75	13,993.75	-
06/30/2020	-	-	-	-	109,987.50
09/15/2020	80,000.00	5.000%	13,993.75	93,993.75	-
03/15/2021	-	-	11,993.75	11,993.75	-
06/30/2021	-	-	-	-	105,987.50
09/15/2021	75,000.00	5.000%	11,993.75	86,993.75	-
03/15/2022	-	-	10,118.75	10,118.75	-
06/30/2022	-	-	-	-	97,112.50
09/15/2022	75,000.00	2.250%	10,118.75	85,118.75	-
03/15/2023	-	-	9,275.00	9,275.00	-
06/30/2023	-	-	-	-	94,393.75
09/15/2023	75,000.00	5.000%	9,275.00	84,275.00	-
03/15/2024	-	-	7,400.00	7,400.00	-
06/30/2024	-	-	-	-	91,675.00
09/15/2024	75,000.00	5.000%	7,400.00	82,400.00	-
03/15/2025	-	-	5,525.00	5,525.00	-
06/30/2025	-	-	-	-	87,925.00
09/15/2025	75,000.00	5.000%	5,525.00	80,525.00	-
03/15/2026	-	-	3,650.00	3,650.00	-
06/30/2026	-	-	-	-	84,175.00
09/15/2026	75,000.00	5.000%	3,650.00	78,650.00	-
03/15/2027	-	-	1,775.00	1,775.00	-
06/30/2027	-	-	-	-	80,425.00
09/15/2027	71,000.00	5.000%	1,775.00	72,775.00	-
06/30/2028	-	-	-	-	72,775.00
<b>Total</b>	<b>\$761,000.00</b>	<b>-</b>	<b>\$189,339.62</b>	<b>\$950,339.62</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,986.05
Average Life.....	5.238 Years
Average Coupon.....	4.7500530%
Net Interest Cost (NIC).....	1.9027475%
True Interest Cost (TIC).....	1.7153473%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	1.8195223%

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Net Interest Cost.....	1.5574935%
Weighted Average Maturity.....	5.427 Years

**Town of Orleans, Massachusetts**  
**\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$430,000 Main Street Intersection (IE) Dated November 16, 2017**  
*Ch. 44, s. 7(1), auth. 10/27/2014*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	30,000.00	5.000%	15,469.10	45,469.10	-
03/15/2019	-	-	8,562.50	8,562.50	-
06/30/2019	-	-	-	-	54,031.60
09/15/2019	30,000.00	5.000%	8,562.50	38,562.50	-
03/15/2020	-	-	7,812.50	7,812.50	-
06/30/2020	-	-	-	-	46,375.00
09/15/2020	30,000.00	5.000%	7,812.50	37,812.50	-
03/15/2021	-	-	7,062.50	7,062.50	-
06/30/2021	-	-	-	-	44,875.00
09/15/2021	30,000.00	5.000%	7,062.50	37,062.50	-
03/15/2022	-	-	6,312.50	6,312.50	-
06/30/2022	-	-	-	-	43,375.00
09/15/2022	30,000.00	2.250%	6,312.50	36,312.50	-
03/15/2023	-	-	5,975.00	5,975.00	-
06/30/2023	-	-	-	-	42,287.50
09/15/2023	30,000.00	5.000%	5,975.00	35,975.00	-
03/15/2024	-	-	5,225.00	5,225.00	-
06/30/2024	-	-	-	-	41,200.00
09/15/2024	30,000.00	5.000%	5,225.00	35,225.00	-
03/15/2025	-	-	4,475.00	4,475.00	-
06/30/2025	-	-	-	-	39,700.00
09/15/2025	30,000.00	5.000%	4,475.00	34,475.00	-
03/15/2026	-	-	3,725.00	3,725.00	-
06/30/2026	-	-	-	-	38,200.00
09/15/2026	30,000.00	5.000%	3,725.00	33,725.00	-
03/15/2027	-	-	2,975.00	2,975.00	-
06/30/2027	-	-	-	-	36,700.00
09/15/2027	30,000.00	5.000%	2,975.00	32,975.00	-
03/15/2028	-	-	2,225.00	2,225.00	-
06/30/2028	-	-	-	-	35,200.00
09/15/2028	30,000.00	4.000%	2,225.00	32,225.00	-
03/15/2029	-	-	1,625.00	1,625.00	-
06/30/2029	-	-	-	-	33,850.00
09/15/2029	25,000.00	4.000%	1,625.00	26,625.00	-
03/15/2030	-	-	1,125.00	1,125.00	-
06/30/2030	-	-	-	-	27,750.00
09/15/2030	25,000.00	3.000%	1,125.00	26,125.00	-
03/15/2031	-	-	750.00	750.00	-
06/30/2031	-	-	-	-	26,875.00
09/15/2031	25,000.00	3.000%	750.00	25,750.00	-
03/15/2032	-	-	375.00	375.00	-
06/30/2032	-	-	-	-	26,125.00
09/15/2032	25,000.00	3.000%	375.00	25,375.00	-
06/30/2033	-	-	-	-	25,375.00
<b>Total</b>	<b>\$430,000.00</b>	<b>-</b>	<b>\$131,919.10</b>	<b>\$561,919.10</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,257.14
Average Life.....	7.575 Years
Average Coupon.....	4.0501527%
Net Interest Cost (NIC).....	2.3662985%
True Interest Cost (TIC).....	2.1892895%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	2.2668593%

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Net Interest Cost.....	2.0666057%
Weighted Average Maturity.....	7.576 Years

**Town of Orleans, Massachusetts**  
**\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$247,500 Stormwater Facility (IE) Dated November 16, 2017**  
**Ch. 44, s. 7(1), auth. 5/13/2013**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	15,000.00	5.000%	8,440.52	23,440.52	-
03/15/2019	-	-	4,706.25	4,706.25	-
06/30/2019	-	-	-	-	28,146.77
09/15/2019	15,000.00	5.000%	4,706.25	19,706.25	-
03/15/2020	-	-	4,331.25	4,331.25	-
06/30/2020	-	-	-	-	24,037.50
09/15/2020	15,000.00	5.000%	4,331.25	19,331.25	-
03/15/2021	-	-	3,956.25	3,956.25	-
06/30/2021	-	-	-	-	23,287.50
09/15/2021	15,000.00	5.000%	3,956.25	18,956.25	-
03/15/2022	-	-	3,581.25	3,581.25	-
06/30/2022	-	-	-	-	22,537.50
09/15/2022	15,000.00	2.250%	3,581.25	18,581.25	-
03/15/2023	-	-	3,412.50	3,412.50	-
06/30/2023	-	-	-	-	21,993.75
09/15/2023	15,000.00	5.000%	3,412.50	18,412.50	-
03/15/2024	-	-	3,037.50	3,037.50	-
06/30/2024	-	-	-	-	21,450.00
09/15/2024	15,000.00	5.000%	3,037.50	18,037.50	-
03/15/2025	-	-	2,662.50	2,662.50	-
06/30/2025	-	-	-	-	20,700.00
09/15/2025	15,000.00	5.000%	2,662.50	17,662.50	-
03/15/2026	-	-	2,287.50	2,287.50	-
06/30/2026	-	-	-	-	19,950.00
09/15/2026	15,000.00	5.000%	2,287.50	17,287.50	-
03/15/2027	-	-	1,912.50	1,912.50	-
06/30/2027	-	-	-	-	19,200.00
09/15/2027	12,500.00	5.000%	1,912.50	14,412.50	-
03/15/2028	-	-	1,600.00	1,600.00	-
06/30/2028	-	-	-	-	16,012.50
09/15/2028	10,000.00	4.000%	1,600.00	11,600.00	-
03/15/2029	-	-	1,400.00	1,400.00	-
06/30/2029	-	-	-	-	13,000.00
09/15/2029	10,000.00	4.000%	1,400.00	11,400.00	-
03/15/2030	-	-	1,200.00	1,200.00	-
06/30/2030	-	-	-	-	12,600.00
09/15/2030	10,000.00	3.000%	1,200.00	11,200.00	-
03/15/2031	-	-	1,050.00	1,050.00	-
06/30/2031	-	-	-	-	12,250.00
09/15/2031	10,000.00	3.000%	1,050.00	11,050.00	-
03/15/2032	-	-	900.00	900.00	-
06/30/2032	-	-	-	-	11,950.00
09/15/2032	10,000.00	3.000%	900.00	10,900.00	-
03/15/2033	-	-	750.00	750.00	-
06/30/2033	-	-	-	-	11,650.00
09/15/2033	10,000.00	3.000%	750.00	10,750.00	-
03/15/2034	-	-	600.00	600.00	-
06/30/2034	-	-	-	-	11,350.00
09/15/2034	10,000.00	3.000%	600.00	10,600.00	-
03/15/2035	-	-	450.00	450.00	-
06/30/2035	-	-	-	-	11,050.00
09/15/2035	10,000.00	3.000%	450.00	10,450.00	-
03/15/2036	-	-	300.00	300.00	-
06/30/2036	-	-	-	-	10,750.00
09/15/2036	10,000.00	3.000%	300.00	10,300.00	-
03/15/2037	-	-	150.00	150.00	-
06/30/2037	-	-	-	-	10,450.00
09/15/2037	10,000.00	3.000%	150.00	10,150.00	-
06/30/2038	-	-	-	-	10,150.00
<b>Total</b>	<b>\$247,500.00</b>	<b>-</b>	<b>\$85,015.52</b>	<b>\$332,515.52</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$2,308.06
Average Life.....	9.326 Years
Average Coupon.....	3.6834150%
Net Interest Cost (NIC).....	2.6060702%
True Interest Cost (TIC).....	2.4629827%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	2.5303360%

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Net Interest Cost.....	2.3936049%
Weighted Average Maturity.....	9.118 Years

**Town of Orleans, Massachusetts**  
**\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$138,000 Beach Road Water Main 1 (O) Dated November 16, 2017**  
*Ch. 44, s. 8(5), auth. 5/9/2016*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	10,000.00	5.000%	4,788.15	14,788.15	-
03/15/2019	-	-	2,632.50	2,632.50	-
06/30/2019	-	-	-	-	17,420.65
09/15/2019	10,000.00	5.000%	2,632.50	12,632.50	-
03/15/2020	-	-	2,382.50	2,382.50	-
06/30/2020	-	-	-	-	15,015.00
09/15/2020	10,000.00	5.000%	2,382.50	12,382.50	-
03/15/2021	-	-	2,132.50	2,132.50	-
06/30/2021	-	-	-	-	14,515.00
09/15/2021	10,000.00	5.000%	2,132.50	12,132.50	-
03/15/2022	-	-	1,882.50	1,882.50	-
06/30/2022	-	-	-	-	14,015.00
09/15/2022	10,000.00	2.250%	1,882.50	11,882.50	-
03/15/2023	-	-	1,770.00	1,770.00	-
06/30/2023	-	-	-	-	13,652.50
09/15/2023	10,000.00	5.000%	1,770.00	11,770.00	-
03/15/2024	-	-	1,520.00	1,520.00	-
06/30/2024	-	-	-	-	13,290.00
09/15/2024	10,000.00	5.000%	1,520.00	11,520.00	-
03/15/2025	-	-	1,270.00	1,270.00	-
06/30/2025	-	-	-	-	12,790.00
09/15/2025	10,000.00	5.000%	1,270.00	11,270.00	-
03/15/2026	-	-	1,020.00	1,020.00	-
06/30/2026	-	-	-	-	12,290.00
09/15/2026	5,000.00	5.000%	1,020.00	6,020.00	-
03/15/2027	-	-	895.00	895.00	-
06/30/2027	-	-	-	-	6,915.00
09/15/2027	5,000.00	5.000%	895.00	5,895.00	-
03/15/2028	-	-	770.00	770.00	-
06/30/2028	-	-	-	-	6,665.00
09/15/2028	5,000.00	4.000%	770.00	5,770.00	-
03/15/2029	-	-	670.00	670.00	-
06/30/2029	-	-	-	-	6,440.00
09/15/2029	5,000.00	4.000%	670.00	5,670.00	-
03/15/2030	-	-	570.00	570.00	-
06/30/2030	-	-	-	-	6,240.00
09/15/2030	5,000.00	3.000%	570.00	5,570.00	-
03/15/2031	-	-	495.00	495.00	-
06/30/2031	-	-	-	-	6,065.00
09/15/2031	5,000.00	3.000%	495.00	5,495.00	-
03/15/2032	-	-	420.00	420.00	-
06/30/2032	-	-	-	-	5,915.00
09/15/2032	5,000.00	3.000%	420.00	5,420.00	-
03/15/2033	-	-	345.00	345.00	-
06/30/2033	-	-	-	-	5,765.00
09/15/2033	5,000.00	3.000%	345.00	5,345.00	-
03/15/2034	-	-	270.00	270.00	-
06/30/2034	-	-	-	-	5,615.00
09/15/2034	5,000.00	3.000%	270.00	5,270.00	-
03/15/2035	-	-	195.00	195.00	-
06/30/2035	-	-	-	-	5,465.00
09/15/2035	5,000.00	3.000%	195.00	5,195.00	-
03/15/2036	-	-	120.00	120.00	-
06/30/2036	-	-	-	-	5,315.00
09/15/2036	5,000.00	3.000%	120.00	5,120.00	-
03/15/2037	-	-	45.00	45.00	-
06/30/2037	-	-	-	-	5,165.00
09/15/2037	3,000.00	3.000%	45.00	3,045.00	-
06/30/2038	-	-	-	-	3,045.00
<b>Total</b>	<b>\$138,000.00</b>	<b>-</b>	<b>\$43,598.15</b>	<b>\$181,598.15</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,166.62
Average Life.....	8.454 Years
Average Coupon.....	3.7371444%
Net Interest Cost (NIC).....	2.5333429%
True Interest Cost (TIC).....	2.3859186%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	2.4590745%
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Net Interest Cost.....	2.3146626%
Weighted Average Maturity.....	8.289 Years

**Town of Orleans, Massachusetts**  
**\$29,000,000 General Obligation Municipal Purpose Loan of 2017 Bonds**  
**\$961,000 Beach Road Water Main 2 (O) Dated November 16, 2017**  
*Ch. 44, s. 8(5), auth. 5/9/2016*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
11/16/2017	-	-	-	-	-
09/15/2018	50,000.00	5.000%	31,939.01	81,939.01	-
03/15/2019	-	-	17,977.50	17,977.50	-
06/30/2019	-	-	-	-	99,916.51
09/15/2019	50,000.00	5.000%	17,977.50	67,977.50	-
03/15/2020	-	-	16,727.50	16,727.50	-
06/30/2020	-	-	-	-	84,705.00
09/15/2020	50,000.00	5.000%	16,727.50	66,727.50	-
03/15/2021	-	-	15,477.50	15,477.50	-
06/30/2021	-	-	-	-	82,205.00
09/15/2021	50,000.00	5.000%	15,477.50	65,477.50	-
03/15/2022	-	-	14,227.50	14,227.50	-
06/30/2022	-	-	-	-	79,705.00
09/15/2022	50,000.00	2.250%	14,227.50	64,227.50	-
03/15/2023	-	-	13,665.00	13,665.00	-
06/30/2023	-	-	-	-	77,892.50
09/15/2023	50,000.00	5.000%	13,665.00	63,665.00	-
03/15/2024	-	-	12,415.00	12,415.00	-
06/30/2024	-	-	-	-	76,080.00
09/15/2024	50,000.00	5.000%	12,415.00	62,415.00	-
03/15/2025	-	-	11,165.00	11,165.00	-
06/30/2025	-	-	-	-	73,580.00
09/15/2025	50,000.00	5.000%	11,165.00	61,165.00	-
03/15/2026	-	-	9,915.00	9,915.00	-
06/30/2026	-	-	-	-	71,080.00
09/15/2026	50,000.00	5.000%	9,915.00	59,915.00	-
03/15/2027	-	-	8,665.00	8,665.00	-
06/30/2027	-	-	-	-	68,580.00
09/15/2027	50,000.00	5.000%	8,665.00	58,665.00	-
03/15/2028	-	-	7,415.00	7,415.00	-
06/30/2028	-	-	-	-	66,080.00
09/15/2028	50,000.00	4.000%	7,415.00	57,415.00	-
03/15/2029	-	-	6,415.00	6,415.00	-
06/30/2029	-	-	-	-	63,830.00
09/15/2029	50,000.00	4.000%	6,415.00	56,415.00	-
03/15/2030	-	-	5,415.00	5,415.00	-
06/30/2030	-	-	-	-	61,830.00
09/15/2030	50,000.00	3.000%	5,415.00	55,415.00	-
03/15/2031	-	-	4,665.00	4,665.00	-
06/30/2031	-	-	-	-	60,080.00
09/15/2031	45,000.00	3.000%	4,665.00	49,665.00	-
03/15/2032	-	-	3,990.00	3,990.00	-
06/30/2032	-	-	-	-	53,655.00
09/15/2032	45,000.00	3.000%	3,990.00	48,990.00	-
03/15/2033	-	-	3,315.00	3,315.00	-
06/30/2033	-	-	-	-	52,305.00
09/15/2033	45,000.00	3.000%	3,315.00	48,315.00	-
03/15/2034	-	-	2,640.00	2,640.00	-
06/30/2034	-	-	-	-	50,955.00
09/15/2034	45,000.00	3.000%	2,640.00	47,640.00	-
03/15/2035	-	-	1,965.00	1,965.00	-
06/30/2035	-	-	-	-	49,605.00
09/15/2035	45,000.00	3.000%	1,965.00	46,965.00	-
03/15/2036	-	-	1,290.00	1,290.00	-
06/30/2036	-	-	-	-	48,255.00
09/15/2036	45,000.00	3.000%	1,290.00	46,290.00	-
03/15/2037	-	-	615.00	615.00	-
06/30/2037	-	-	-	-	46,905.00
09/15/2037	41,000.00	3.000%	615.00	41,615.00	-
06/30/2038	-	-	-	-	41,615.00
<b>Total</b>	<b>\$961,000.00</b>	<b>-</b>	<b>\$347,859.01</b>	<b>\$1,308,859.01</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$9,662.16
Average Life.....	10.054 Years
Average Coupon.....	3.6002185%
Net Interest Cost (NIC).....	2.6680579%
True Interest Cost (TIC).....	2.5358850%
Bond Yield for Arbitrage Purposes.....	2.4381974%
All Inclusive Cost (AIC).....	2.5993500%

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Net Interest Cost.....	2.4705454%
Weighted Average Maturity.....	9.820 Years



**Town of Orleans, Massachusetts**  
*\$4,035,000 General Obligation Municipal Purpose Loan of 2019 Bonds*  
*\$510,000 Orleans Elementary School Heating & Venting (IE) Dated February 7, 2019*  
*Ch. 44, s. 7(1), auth. 10/16/2017*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/07/2019	-	-	-	-	-
08/01/2019	-	-	12,325.00	12,325.00	-
02/01/2020	105,000.00	5.000%	12,750.00	117,750.00	-
06/30/2020	-	-	-	-	130,075.00
08/01/2020	-	-	10,125.00	10,125.00	-
02/01/2021	105,000.00	5.000%	10,125.00	115,125.00	-
06/30/2021	-	-	-	-	125,250.00
08/01/2021	-	-	7,500.00	7,500.00	-
02/01/2022	100,000.00	5.000%	7,500.00	107,500.00	-
06/30/2022	-	-	-	-	115,000.00
08/01/2022	-	-	5,000.00	5,000.00	-
02/01/2023	100,000.00	5.000%	5,000.00	105,000.00	-
06/30/2023	-	-	-	-	110,000.00
08/01/2023	-	-	2,500.00	2,500.00	-
02/01/2024	100,000.00	5.000%	2,500.00	102,500.00	-
06/30/2024	-	-	-	-	105,000.00
<b>Total</b>	<b>\$510,000.00</b>	<b>-</b>	<b>\$75,325.00</b>	<b>\$585,325.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,506.50
Average Life.....	2.954 Years
Average Coupon.....	5.000000%
Net Interest Cost (NIC).....	1.8041732%
True Interest Cost (TIC).....	1.6917951%
Bond Yield for Arbitrage Purposes.....	1.7938477%
All Inclusive Cost (AIC).....	2.1626720%

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Net Interest Cost.....	1.5652153%
Weighted Average Maturity.....	3.010 Years

**Town of Orleans, Massachusetts**  
*\$4,035,000 General Obligation Municipal Purpose Loan of 2019 Bonds*  
*\$1,015,000 Nauset Beach Retreat & Facilities Relocation (IE) Dated February 7, 2*  
*Ch. 44, s. 7(1), auth. 10/29/2018*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/07/2019	-	-	-	-	-
08/01/2019	-	-	24,529.17	24,529.17	-
02/01/2020	185,000.00	5.000%	25,375.00	210,375.00	-
06/30/2020	-	-	-	-	234,904.17
08/01/2020	-	-	20,750.00	20,750.00	-
02/01/2021	195,000.00	5.000%	20,750.00	215,750.00	-
06/30/2021	-	-	-	-	236,500.00
08/01/2021	-	-	15,875.00	15,875.00	-
02/01/2022	200,000.00	5.000%	15,875.00	215,875.00	-
06/30/2022	-	-	-	-	231,750.00
08/01/2022	-	-	10,875.00	10,875.00	-
02/01/2023	210,000.00	5.000%	10,875.00	220,875.00	-
06/30/2023	-	-	-	-	231,750.00
08/01/2023	-	-	5,625.00	5,625.00	-
02/01/2024	225,000.00	5.000%	5,625.00	230,625.00	-
06/30/2024	-	-	-	-	236,250.00
<b>Total</b>	<b>\$1,015,000.00</b>	<b>-</b>	<b>\$156,154.17</b>	<b>\$1,171,154.17</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,123.08
Average Life.....	3.077 Years
Average Coupon.....	5.0000001%
Net Interest Cost (NIC).....	1.8094317%
True Interest Cost (TIC).....	1.6944298%
Bond Yield for Arbitrage Purposes.....	1.7938477%
All Inclusive Cost (AIC).....	2.1461563%

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Net Interest Cost.....	1.5679317%
Weighted Average Maturity.....	3.133 Years

**Town of Orleans, Massachusetts**  
**\$4,035,000 General Obligation Municipal Purpose Loan of 2019 Bonds**  
**\$658,000 Tritown Demolition (IE) Dated February 7, 2019**  
*Ch. 44, s. 7(1), auth. 10/29/2018*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/07/2019	-	-	-	-	-
08/01/2019	-	-	15,901.67	15,901.67	-
02/01/2020	120,000.00	5.000%	16,450.00	136,450.00	-
06/30/2020	-	-	-	-	152,351.67
08/01/2020	-	-	13,450.00	13,450.00	-
02/01/2021	125,000.00	5.000%	13,450.00	138,450.00	-
06/30/2021	-	-	-	-	151,900.00
08/01/2021	-	-	10,325.00	10,325.00	-
02/01/2022	133,000.00	5.000%	10,325.00	143,325.00	-
06/30/2022	-	-	-	-	153,650.00
08/01/2022	-	-	7,000.00	7,000.00	-
02/01/2023	135,000.00	5.000%	7,000.00	142,000.00	-
06/30/2023	-	-	-	-	149,000.00
08/01/2023	-	-	3,625.00	3,625.00	-
02/01/2024	145,000.00	5.000%	3,625.00	148,625.00	-
06/30/2024	-	-	-	-	152,250.00
<b>Total</b>	<b>\$658,000.00</b>	<b>-</b>	<b>\$101,151.67</b>	<b>\$759,151.67</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$2,023.03
Average Life.....	3.075 Years
Average Coupon.....	5.000002%
Net Interest Cost (NIC).....	1.8089845%
True Interest Cost (TIC).....	1.6941141%
Bond Yield for Arbitrage Purposes.....	1.7938477%
All Inclusive Cost (AIC).....	2.1462017%

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Net Interest Cost.....	1.5676747%
Weighted Average Maturity.....	3.130 Years

**Town of Orleans, Massachusetts**  
**\$4,035,000 General Obligation Municipal Purpose Loan of 2019 Bonds**  
**\$1,662,000 Water Meter Replacement (O) Dated February 7, 2019**  
*Ch. 44, s. 8(6), auth. 10/29/2018*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
02/07/2019	-	-	-	-	-
08/01/2019	-	-	37,772.50	37,772.50	-
02/01/2020	170,000.00	5.000%	39,075.00	209,075.00	-
06/30/2020	-	-	-	-	246,847.50
08/01/2020	-	-	34,825.00	34,825.00	-
02/01/2021	170,000.00	5.000%	34,825.00	204,825.00	-
06/30/2021	-	-	-	-	239,650.00
08/01/2021	-	-	30,575.00	30,575.00	-
02/01/2022	167,000.00	5.000%	30,575.00	197,575.00	-
06/30/2022	-	-	-	-	228,150.00
08/01/2022	-	-	26,400.00	26,400.00	-
02/01/2023	165,000.00	5.000%	26,400.00	191,400.00	-
06/30/2023	-	-	-	-	217,800.00
08/01/2023	-	-	22,275.00	22,275.00	-
02/01/2024	165,000.00	5.000%	22,275.00	187,275.00	-
06/30/2024	-	-	-	-	209,550.00
08/01/2024	-	-	18,150.00	18,150.00	-
02/01/2025	165,000.00	5.000%	18,150.00	183,150.00	-
06/30/2025	-	-	-	-	201,300.00
08/01/2025	-	-	14,025.00	14,025.00	-
02/01/2026	165,000.00	4.000%	14,025.00	179,025.00	-
06/30/2026	-	-	-	-	193,050.00
08/01/2026	-	-	10,725.00	10,725.00	-
02/01/2027	165,000.00	4.000%	10,725.00	175,725.00	-
06/30/2027	-	-	-	-	186,450.00
08/01/2027	-	-	7,425.00	7,425.00	-
02/01/2028	165,000.00	4.000%	7,425.00	172,425.00	-
06/30/2028	-	-	-	-	179,850.00
08/01/2028	-	-	4,125.00	4,125.00	-
02/01/2029	165,000.00	5.000%	4,125.00	169,125.00	-
06/30/2029	-	-	-	-	173,250.00
<b>Total</b>	<b>\$1,662,000.00</b>	<b>-</b>	<b>\$413,897.50</b>	<b>\$2,075,897.50</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$9,068.30
Average Life.....	5.456 Years
Average Coupon.....	4.5642237%
Net Interest Cost (NIC).....	2.1213693%
True Interest Cost (TIC).....	1.9456217%
Bond Yield for Arbitrage Purposes.....	1.7938477%
All Inclusive Cost (AIC).....	2.2039622%

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Net Interest Cost.....	1.8005637%
Weighted Average Maturity.....	5.583 Years

**Town of Orleans, Massachusetts**  
*\$5,600,000 General Obligation Municipal Purpose Loan of 2020 Bonds*  
*\$2,515,000 Cur Ref of 2 15 11 Land Acquisition I (IE) , Dated December 10, 2020*  
*Ch. 44, s. 21A*

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/10/2020	-	-	-	-	-
08/01/2021	-	-	56,832.42	56,832.42	-
02/01/2022	120,000.00	5.000%	44,285.00	164,285.00	-
06/30/2022	-	-	-	-	221,117.42
08/01/2022	-	-	41,285.00	41,285.00	-
02/01/2023	131,000.00	5.000%	41,285.00	172,285.00	-
06/30/2023	-	-	-	-	213,570.00
08/01/2023	-	-	38,010.00	38,010.00	-
02/01/2024	130,000.00	5.000%	38,010.00	168,010.00	-
06/30/2024	-	-	-	-	206,020.00
08/01/2024	-	-	34,760.00	34,760.00	-
02/01/2025	131,000.00	5.000%	34,760.00	165,760.00	-
06/30/2025	-	-	-	-	200,520.00
08/01/2025	-	-	31,485.00	31,485.00	-
02/01/2026	136,000.00	5.000%	31,485.00	167,485.00	-
06/30/2026	-	-	-	-	198,970.00
08/01/2026	-	-	28,085.00	28,085.00	-
02/01/2027	135,000.00	5.000%	28,085.00	163,085.00	-
06/30/2027	-	-	-	-	191,170.00
08/01/2027	-	-	24,710.00	24,710.00	-
02/01/2028	135,000.00	5.000%	24,710.00	159,710.00	-
06/30/2028	-	-	-	-	184,420.00
08/01/2028	-	-	21,335.00	21,335.00	-
02/01/2029	134,000.00	5.000%	21,335.00	155,335.00	-
06/30/2029	-	-	-	-	176,670.00
08/01/2029	-	-	17,985.00	17,985.00	-
02/01/2030	134,000.00	5.000%	17,985.00	151,985.00	-
06/30/2030	-	-	-	-	169,970.00
08/01/2030	-	-	14,635.00	14,635.00	-
02/01/2031	134,000.00	3.000%	14,635.00	148,635.00	-
06/30/2031	-	-	-	-	163,270.00
08/01/2031	-	-	12,625.00	12,625.00	-
02/01/2032	135,000.00	3.000%	12,625.00	147,625.00	-
06/30/2032	-	-	-	-	160,250.00
08/01/2032	-	-	10,600.00	10,600.00	-
02/01/2033	135,000.00	2.000%	10,600.00	145,600.00	-
06/30/2033	-	-	-	-	156,200.00
08/01/2033	-	-	9,250.00	9,250.00	-
02/01/2034	130,000.00	2.000%	9,250.00	139,250.00	-
06/30/2034	-	-	-	-	148,500.00
08/01/2034	-	-	7,950.00	7,950.00	-
02/01/2035	125,000.00	2.000%	7,950.00	132,950.00	-
06/30/2035	-	-	-	-	140,900.00
08/01/2035	-	-	6,700.00	6,700.00	-
02/01/2036	120,000.00	2.000%	6,700.00	126,700.00	-
06/30/2036	-	-	-	-	133,400.00
08/01/2036	-	-	5,500.00	5,500.00	-
02/01/2037	120,000.00	2.000%	5,500.00	125,500.00	-
06/30/2037	-	-	-	-	131,000.00
08/01/2037	-	-	4,300.00	4,300.00	-
02/01/2038	115,000.00	2.000%	4,300.00	119,300.00	-
06/30/2038	-	-	-	-	123,600.00
08/01/2038	-	-	3,150.00	3,150.00	-
02/01/2039	110,000.00	2.000%	3,150.00	113,150.00	-
06/30/2039	-	-	-	-	116,300.00
08/01/2039	-	-	2,050.00	2,050.00	-
02/01/2040	105,000.00	2.000%	2,050.00	107,050.00	-
06/30/2040	-	-	-	-	109,100.00
08/01/2040	-	-	1,000.00	1,000.00	-
02/01/2041	100,000.00	2.000%	1,000.00	101,000.00	-
06/30/2041	-	-	-	-	102,000.00
<b>Total</b>	<b>\$2,515,000.00</b>	<b>-</b>	<b>\$731,947.42</b>	<b>\$3,246,947.42</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$25,900.29
Average Life.....	10.298 Years
Average Coupon.....	2.8260200%
Net Interest Cost (NIC).....	1.5726823%
True Interest Cost (TIC).....	1.4790207%
Bond Yield for Arbitrage Purposes.....	1.5013329%
All Inclusive Cost (AIC).....	1.6325134%

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Net Interest Cost.....	1.3599825%
Weighted Average Maturity.....	9.956 Years

**Town of Orleans, Massachusetts**  
**\$5,600,000 General Obligation Municipal Purpose Loan of 2020 Bonds**  
**\$147,500 Cur Ref of 2 15 11 Land Acquisition II (IE) , Dated December 10, 2020**  
**Ch. 44, s. 21A**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/10/2020	-	-	-	-	-
08/01/2021	-	-	4,565.46	4,565.46	-
02/01/2022	15,500.00	5.000%	3,557.50	19,057.50	-
06/30/2022	-	-	-	-	23,622.96
08/01/2022	-	-	3,170.00	3,170.00	-
02/01/2023	17,000.00	5.000%	3,170.00	20,170.00	-
06/30/2023	-	-	-	-	23,340.00
08/01/2023	-	-	2,745.00	2,745.00	-
02/01/2024	17,000.00	5.000%	2,745.00	19,745.00	-
06/30/2024	-	-	-	-	22,490.00
08/01/2024	-	-	2,320.00	2,320.00	-
02/01/2025	17,000.00	5.000%	2,320.00	19,320.00	-
06/30/2025	-	-	-	-	21,640.00
08/01/2025	-	-	1,895.00	1,895.00	-
02/01/2026	17,000.00	5.000%	1,895.00	18,895.00	-
06/30/2026	-	-	-	-	20,790.00
08/01/2026	-	-	1,470.00	1,470.00	-
02/01/2027	13,000.00	5.000%	1,470.00	14,470.00	-
06/30/2027	-	-	-	-	15,940.00
08/01/2027	-	-	1,145.00	1,145.00	-
02/01/2028	12,000.00	5.000%	1,145.00	13,145.00	-
06/30/2028	-	-	-	-	14,290.00
08/01/2028	-	-	845.00	845.00	-
02/01/2029	13,000.00	5.000%	845.00	13,845.00	-
06/30/2029	-	-	-	-	14,690.00
08/01/2029	-	-	520.00	520.00	-
02/01/2030	13,000.00	5.000%	520.00	13,520.00	-
06/30/2030	-	-	-	-	14,040.00
08/01/2030	-	-	195.00	195.00	-
02/01/2031	13,000.00	3.000%	195.00	13,195.00	-
06/30/2031	-	-	-	-	13,390.00
<b>Total</b>	<b>\$147,500.00</b>	<b>-</b>	<b>\$36,732.96</b>	<b>\$184,232.96</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$787.40
Average Life.....	5.338 Years
Average Coupon.....	4.6651199%
Net Interest Cost (NIC).....	0.8001147%
True Interest Cost (TIC).....	0.7032136%
Bond Yield for Arbitrage Purposes.....	1.5013329%
All Inclusive Cost (AIC).....	0.9604307%

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Net Interest Cost.....	0.5181178%
Weighted Average Maturity.....	5.517 Years

**Town of Orleans, Massachusetts**  
**\$5,600,000 General Obligation Municipal Purpose Loan of 2020 Bonds**  
**\$134,500 Cur Ref of 2 15 11 Land Acquisition III (IE) , Dated December 10, 2020**  
**Ch. 44, s. 21A**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/10/2020	-	-	-	-	-
08/01/2021	-	-	4,148.38	4,148.38	-
02/01/2022	16,500.00	5.000%	3,232.50	19,732.50	-
06/30/2022	-	-	-	-	23,880.88
08/01/2022	-	-	2,820.00	2,820.00	-
02/01/2023	17,000.00	5.000%	2,820.00	19,820.00	-
06/30/2023	-	-	-	-	22,640.00
08/01/2023	-	-	2,395.00	2,395.00	-
02/01/2024	13,000.00	5.000%	2,395.00	15,395.00	-
06/30/2024	-	-	-	-	17,790.00
08/01/2024	-	-	2,070.00	2,070.00	-
02/01/2025	12,000.00	5.000%	2,070.00	14,070.00	-
06/30/2025	-	-	-	-	16,140.00
08/01/2025	-	-	1,770.00	1,770.00	-
02/01/2026	12,000.00	5.000%	1,770.00	13,770.00	-
06/30/2026	-	-	-	-	15,540.00
08/01/2026	-	-	1,470.00	1,470.00	-
02/01/2027	12,000.00	5.000%	1,470.00	13,470.00	-
06/30/2027	-	-	-	-	14,940.00
08/01/2027	-	-	1,170.00	1,170.00	-
02/01/2028	13,000.00	5.000%	1,170.00	14,170.00	-
06/30/2028	-	-	-	-	15,340.00
08/01/2028	-	-	845.00	845.00	-
02/01/2029	13,000.00	5.000%	845.00	13,845.00	-
06/30/2029	-	-	-	-	14,690.00
08/01/2029	-	-	520.00	520.00	-
02/01/2030	13,000.00	5.000%	520.00	13,520.00	-
06/30/2030	-	-	-	-	14,040.00
08/01/2030	-	-	195.00	195.00	-
02/01/2031	13,000.00	3.000%	195.00	13,195.00	-
06/30/2031	-	-	-	-	13,390.00
<b>Total</b>	<b>\$134,500.00</b>	<b>-</b>	<b>\$33,890.88</b>	<b>\$168,390.88</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$730.55
Average Life.....	5.432 Years
Average Coupon.....	4.6390646%
Net Interest Cost (NIC).....	0.8286340%
True Interest Cost (TIC).....	0.7271143%
Bond Yield for Arbitrage Purposes.....	1.5013329%
All Inclusive Cost (AIC).....	0.9799084%

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Net Interest Cost.....	0.5411608%
Weighted Average Maturity.....	5.629 Years

**Town of Orleans, Massachusetts**  
**\$5,600,000 General Obligation Municipal Purpose Loan of 2020 Bonds**  
**\$465,000 Main St. & Village Center Streetscape (IE) , Dated December 10, 2020**  
**Ch. 44, s. 7(1), Auth. 5/13/2019, Article 25**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/10/2020	-	-	-	-	-
08/01/2021	-	-	11,582.08	11,582.08	-
02/01/2022	20,000.00	5.000%	9,025.00	29,025.00	-
06/30/2022	-	-	-	-	40,607.08
08/01/2022	-	-	8,525.00	8,525.00	-
02/01/2023	25,000.00	5.000%	8,525.00	33,525.00	-
06/30/2023	-	-	-	-	42,050.00
08/01/2023	-	-	7,900.00	7,900.00	-
02/01/2024	25,000.00	5.000%	7,900.00	32,900.00	-
06/30/2024	-	-	-	-	40,800.00
08/01/2024	-	-	7,275.00	7,275.00	-
02/01/2025	30,000.00	5.000%	7,275.00	37,275.00	-
06/30/2025	-	-	-	-	44,550.00
08/01/2025	-	-	6,525.00	6,525.00	-
02/01/2026	30,000.00	5.000%	6,525.00	36,525.00	-
06/30/2026	-	-	-	-	43,050.00
08/01/2026	-	-	5,775.00	5,775.00	-
02/01/2027	30,000.00	5.000%	5,775.00	35,775.00	-
06/30/2027	-	-	-	-	41,550.00
08/01/2027	-	-	5,025.00	5,025.00	-
02/01/2028	35,000.00	5.000%	5,025.00	40,025.00	-
06/30/2028	-	-	-	-	45,050.00
08/01/2028	-	-	4,150.00	4,150.00	-
02/01/2029	35,000.00	5.000%	4,150.00	39,150.00	-
06/30/2029	-	-	-	-	43,300.00
08/01/2029	-	-	3,275.00	3,275.00	-
02/01/2030	35,000.00	5.000%	3,275.00	38,275.00	-
06/30/2030	-	-	-	-	41,550.00
08/01/2030	-	-	2,400.00	2,400.00	-
02/01/2031	40,000.00	3.000%	2,400.00	42,400.00	-
06/30/2031	-	-	-	-	44,800.00
08/01/2031	-	-	1,800.00	1,800.00	-
02/01/2032	40,000.00	3.000%	1,800.00	41,800.00	-
06/30/2032	-	-	-	-	43,600.00
08/01/2032	-	-	1,200.00	1,200.00	-
02/01/2033	40,000.00	2.000%	1,200.00	41,200.00	-
06/30/2033	-	-	-	-	42,400.00
08/01/2033	-	-	800.00	800.00	-
02/01/2034	40,000.00	2.000%	800.00	40,800.00	-
06/30/2034	-	-	-	-	41,600.00
08/01/2034	-	-	400.00	400.00	-
02/01/2035	40,000.00	2.000%	400.00	40,400.00	-
06/30/2035	-	-	-	-	40,800.00
<b>Total</b>	<b>\$465,000.00</b>	<b>-</b>	<b>\$130,707.08</b>	<b>\$595,707.08</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,900.88
Average Life.....	8.389 Years
Average Coupon.....	3.3507118%
Net Interest Cost (NIC).....	1.2987658%
True Interest Cost (TIC).....	1.1886679%
Bond Yield for Arbitrage Purposes.....	1.5013329%
All Inclusive Cost (AIC).....	1.3652828%

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Net Interest Cost.....	1.0340890%
Weighted Average Maturity.....	8.272 Years



**Town of Orleans, Massachusetts**  
*\$5,600,000 General Obligation Municipal Purpose Loan of 2020 Bonds*  
*\$45,166 Well #7 Water Treatment Plant (O) , Dated December 10, 2020*  
*Ch. 44, s. 8(6), Auth. 5/7/2018, Art. 22*

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/10/2020	-	-	-	-	-
08/01/2021	-	-	1,449.08	1,449.08	-
02/01/2022	5,166.00	5.000%	1,129.15	6,295.15	-
06/30/2022	-	-	-	-	7,744.23
08/01/2022	-	-	1,000.00	1,000.00	-
02/01/2023	5,000.00	5.000%	1,000.00	6,000.00	-
06/30/2023	-	-	-	-	7,000.00
08/01/2023	-	-	875.00	875.00	-
02/01/2024	5,000.00	5.000%	875.00	5,875.00	-
06/30/2024	-	-	-	-	6,750.00
08/01/2024	-	-	750.00	750.00	-
02/01/2025	5,000.00	5.000%	750.00	5,750.00	-
06/30/2025	-	-	-	-	6,500.00
08/01/2025	-	-	625.00	625.00	-
02/01/2026	5,000.00	5.000%	625.00	5,625.00	-
06/30/2026	-	-	-	-	6,250.00
08/01/2026	-	-	500.00	500.00	-
02/01/2027	5,000.00	5.000%	500.00	5,500.00	-
06/30/2027	-	-	-	-	6,000.00
08/01/2027	-	-	375.00	375.00	-
02/01/2028	5,000.00	5.000%	375.00	5,375.00	-
06/30/2028	-	-	-	-	5,750.00
08/01/2028	-	-	250.00	250.00	-
02/01/2029	5,000.00	5.000%	250.00	5,250.00	-
06/30/2029	-	-	-	-	5,500.00
08/01/2029	-	-	125.00	125.00	-
02/01/2030	5,000.00	5.000%	125.00	5,125.00	-
06/30/2030	-	-	-	-	5,250.00
<b>Total</b>	<b>\$45,166.00</b>	<b>-</b>	<b>\$11,578.23</b>	<b>\$56,744.23</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$231.56
Average Life.....	5.127 Years
Average Coupon.....	5.0000018%
Net Interest Cost (NIC).....	0.7078589%
True Interest Cost (TIC).....	0.6155618%
Bond Yield for Arbitrage Purposes.....	1.5013329%
All Inclusive Cost (AIC).....	0.8793441%

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Net Interest Cost.....	0.4308996%
Weighted Average Maturity.....	5.346 Years

**Town of Orleans, Massachusetts**  
**\$5,600,000 General Obligation Municipal Purpose Loan of 2020 Bonds**  
**\$2,292,834 Well #7 Construction (O) , Dated December 10, 2020**  
**Ch. 44, s. 8(5), Auth. 5/13/2019, Art. 21**

**Debt Service Schedule**

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/10/2020	-	-	-	-	-
08/01/2021	-	-	44,606.55	44,606.55	-
02/01/2022	82,834.00	5.000%	34,758.35	117,592.35	-
06/30/2022	-	-	-	-	162,198.90
08/01/2022	-	-	32,687.50	32,687.50	-
02/01/2023	80,000.00	5.000%	32,687.50	112,687.50	-
06/30/2023	-	-	-	-	145,375.00
08/01/2023	-	-	30,687.50	30,687.50	-
02/01/2024	80,000.00	5.000%	30,687.50	110,687.50	-
06/30/2024	-	-	-	-	141,375.00
08/01/2024	-	-	28,687.50	28,687.50	-
02/01/2025	80,000.00	5.000%	28,687.50	108,687.50	-
06/30/2025	-	-	-	-	137,375.00
08/01/2025	-	-	26,687.50	26,687.50	-
02/01/2026	80,000.00	5.000%	26,687.50	106,687.50	-
06/30/2026	-	-	-	-	133,375.00
08/01/2026	-	-	24,687.50	24,687.50	-
02/01/2027	80,000.00	5.000%	24,687.50	104,687.50	-
06/30/2027	-	-	-	-	129,375.00
08/01/2027	-	-	22,687.50	22,687.50	-
02/01/2028	80,000.00	5.000%	22,687.50	102,687.50	-
06/30/2028	-	-	-	-	125,375.00
08/01/2028	-	-	20,687.50	20,687.50	-
02/01/2029	80,000.00	5.000%	20,687.50	100,687.50	-
06/30/2029	-	-	-	-	121,375.00
08/01/2029	-	-	18,687.50	18,687.50	-
02/01/2030	80,000.00	5.000%	18,687.50	98,687.50	-
06/30/2030	-	-	-	-	117,375.00
08/01/2030	-	-	16,687.50	16,687.50	-
02/01/2031	80,000.00	3.000%	16,687.50	96,687.50	-
06/30/2031	-	-	-	-	113,375.00
08/01/2031	-	-	15,487.50	15,487.50	-
02/01/2032	80,000.00	3.000%	15,487.50	95,487.50	-
06/30/2032	-	-	-	-	110,975.00
08/01/2032	-	-	14,287.50	14,287.50	-
02/01/2033	80,000.00	2.000%	14,287.50	94,287.50	-
06/30/2033	-	-	-	-	108,575.00
08/01/2033	-	-	13,487.50	13,487.50	-
02/01/2034	80,000.00	2.000%	13,487.50	93,487.50	-
06/30/2034	-	-	-	-	106,975.00
08/01/2034	-	-	12,687.50	12,687.50	-
02/01/2035	80,000.00	2.000%	12,687.50	92,687.50	-
06/30/2035	-	-	-	-	105,375.00
08/01/2035	-	-	11,887.50	11,887.50	-
02/01/2036	80,000.00	2.000%	11,887.50	91,887.50	-
06/30/2036	-	-	-	-	103,775.00
08/01/2036	-	-	11,087.50	11,087.50	-
02/01/2037	80,000.00	2.000%	11,087.50	91,087.50	-
06/30/2037	-	-	-	-	102,175.00
08/01/2037	-	-	10,287.50	10,287.50	-
02/01/2038	80,000.00	2.000%	10,287.50	90,287.50	-
06/30/2038	-	-	-	-	100,575.00
08/01/2038	-	-	9,487.50	9,487.50	-
02/01/2039	80,000.00	2.000%	9,487.50	89,487.50	-
06/30/2039	-	-	-	-	98,975.00
08/01/2039	-	-	8,687.50	8,687.50	-
02/01/2040	80,000.00	2.000%	8,687.50	88,687.50	-
06/30/2040	-	-	-	-	97,375.00
08/01/2040	-	-	7,887.50	7,887.50	-
02/01/2041	80,000.00	2.000%	7,887.50	87,887.50	-
06/30/2041	-	-	-	-	95,775.00
08/01/2041	-	-	7,087.50	7,087.50	-
02/01/2042	80,000.00	2.000%	7,087.50	87,087.50	-
06/30/2042	-	-	-	-	94,175.00
08/01/2042	-	-	6,287.50	6,287.50	-
02/01/2043	80,000.00	2.000%	6,287.50	86,287.50	-
06/30/2043	-	-	-	-	92,575.00
08/01/2043	-	-	5,487.50	5,487.50	-
02/01/2044	80,000.00	2.000%	5,487.50	85,487.50	-
06/30/2044	-	-	-	-	90,975.00
08/01/2044	-	-	4,687.50	4,687.50	-
02/01/2045	75,000.00	2.000%	4,687.50	79,687.50	-
06/30/2045	-	-	-	-	84,375.00
08/01/2045	-	-	3,937.50	3,937.50	-
02/01/2046	75,000.00	2.000%	3,937.50	78,937.50	-
06/30/2046	-	-	-	-	82,875.00
08/01/2046	-	-	3,187.50	3,187.50	-
02/01/2047	75,000.00	2.125%	3,187.50	78,187.50	-
06/30/2047	-	-	-	-	81,375.00
08/01/2047	-	-	2,390.63	2,390.63	-
02/01/2048	75,000.00	2.125%	2,390.63	77,390.63	-
06/30/2048	-	-	-	-	79,781.26
08/01/2048	-	-	1,593.75	1,593.75	-
02/01/2049	75,000.00	2.125%	1,593.75	76,593.75	-
06/30/2049	-	-	-	-	78,187.50
08/01/2049	-	-	796.88	796.88	-
02/01/2050	75,000.00	2.125%	796.88	75,796.88	-
06/30/2050	-	-	-	-	76,593.76
<b>Total</b>	<b>\$2,292,834.00</b>	<b>-</b>	<b>\$825,202.42</b>	<b>\$3,118,036.42</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$34,332.65
Average Life.....	14.974 Years
Average Coupon.....	2.4035499%
Net Interest Cost (NIC).....	1.9018901%
True Interest Cost (TIC).....	1.8455992%
Bond Yield for Arbitrage Purposes.....	1.5013329%
All Inclusive Cost (AIC).....	1.9633632%

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Net Interest Cost.....	1.7897802%
Weighted Average Maturity.....	14.278 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$2,450,000 Governor Prence Property (OE) Dated January 27, 2022*  
*Ch. 44B & Ch.471 of the Acts of 2004 s. 7(1); auth. 5/22/21*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	65,000.00	5.000%	57,154.17	122,154.17	-
04/15/2023	-	-	38,250.00	38,250.00	-
06/30/2023	-	-	-	-	160,404.17
10/15/2023	85,000.00	5.000%	38,250.00	123,250.00	-
04/15/2024	-	-	36,125.00	36,125.00	-
06/30/2024	-	-	-	-	159,375.00
10/15/2024	90,000.00	5.000%	36,125.00	126,125.00	-
04/15/2025	-	-	33,875.00	33,875.00	-
06/30/2025	-	-	-	-	160,000.00
10/15/2025	95,000.00	5.000%	33,875.00	128,875.00	-
04/15/2026	-	-	31,500.00	31,500.00	-
06/30/2026	-	-	-	-	160,375.00
10/15/2026	100,000.00	5.000%	31,500.00	131,500.00	-
04/15/2027	-	-	29,000.00	29,000.00	-
06/30/2027	-	-	-	-	160,500.00
10/15/2027	105,000.00	3.000%	29,000.00	134,000.00	-
04/15/2028	-	-	27,425.00	27,425.00	-
06/30/2028	-	-	-	-	161,425.00
10/15/2028	105,000.00	5.000%	27,425.00	132,425.00	-
04/15/2029	-	-	24,800.00	24,800.00	-
06/30/2029	-	-	-	-	157,225.00
10/15/2029	115,000.00	5.000%	24,800.00	139,800.00	-
04/15/2030	-	-	21,925.00	21,925.00	-
06/30/2030	-	-	-	-	161,725.00
10/15/2030	120,000.00	5.000%	21,925.00	141,925.00	-
04/15/2031	-	-	18,925.00	18,925.00	-
06/30/2031	-	-	-	-	160,850.00
10/15/2031	125,000.00	4.000%	18,925.00	143,925.00	-
04/15/2032	-	-	16,425.00	16,425.00	-
06/30/2032	-	-	-	-	160,350.00
10/15/2032	130,000.00	4.000%	16,425.00	146,425.00	-
04/15/2033	-	-	13,825.00	13,825.00	-
06/30/2033	-	-	-	-	160,250.00
10/15/2033	135,000.00	3.000%	13,825.00	148,825.00	-
04/15/2034	-	-	11,800.00	11,800.00	-
06/30/2034	-	-	-	-	160,625.00
10/15/2034	135,000.00	2.000%	11,800.00	146,800.00	-
04/15/2035	-	-	10,450.00	10,450.00	-
06/30/2035	-	-	-	-	157,250.00
10/15/2035	140,000.00	2.000%	10,450.00	150,450.00	-
04/15/2036	-	-	9,050.00	9,050.00	-
06/30/2036	-	-	-	-	159,500.00
10/15/2036	145,000.00	2.000%	9,050.00	154,050.00	-
04/15/2037	-	-	7,600.00	7,600.00	-
06/30/2037	-	-	-	-	161,650.00
10/15/2037	145,000.00	2.000%	7,600.00	152,600.00	-
04/15/2038	-	-	6,150.00	6,150.00	-
06/30/2038	-	-	-	-	158,750.00
10/15/2038	150,000.00	2.000%	6,150.00	156,150.00	-
04/15/2039	-	-	4,650.00	4,650.00	-
06/30/2039	-	-	-	-	160,800.00
10/15/2039	150,000.00	2.000%	4,650.00	154,650.00	-
04/15/2040	-	-	3,150.00	3,150.00	-
06/30/2040	-	-	-	-	157,800.00
10/15/2040	155,000.00	2.000%	3,150.00	158,150.00	-
04/15/2041	-	-	1,600.00	1,600.00	-
06/30/2041	-	-	-	-	159,750.00
10/15/2041	160,000.00	2.000%	1,600.00	161,600.00	-
06/30/2042	-	-	-	-	161,600.00
<b>Total</b>	<b>\$2,450,000.00</b>	<b>-</b>	<b>\$750,204.17</b>	<b>\$3,200,204.17</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$27,960.83
Average Life.....	11.413 Years
Average Coupon.....	2.6830537%
Net Interest Cost (NIC).....	1.8812005%
True Interest Cost (TIC).....	1.8088408%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.8946766%

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Net Interest Cost.....	1.7472937%
Weighted Average Maturity.....	11.048 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$161,687 Nauset Beach Retreat Master Plan (IE) Dated January 27, 2022*  
*Ch. 44, s. 7(7); auth, 5/7/18*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	76,687.00	5.000%	5,793.78	82,480.78	-
04/15/2023	-	-	2,125.00	2,125.00	-
06/30/2023	-	-	-	-	84,605.78
10/15/2023	85,000.00	5.000%	2,125.00	87,125.00	-
06/30/2024	-	-	-	-	87,125.00
<b>Total</b>	<b>\$161,687.00</b>	<b>-</b>	<b>\$10,043.78</b>	<b>\$171,730.78</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$200.88
Average Life.....	1.242 Years
Average Coupon.....	4.9999979%
Net Interest Cost (NIC).....	0.6682342%
True Interest Cost (TIC).....	0.6393084%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.3361484%

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Net Interest Cost.....	0.3741457%
Weighted Average Maturity.....	1.253 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$188,580 Design and Replace Methane Gas (OE) Dated January 27, 2022*  
*Ch. 44, s. 8(3); auth, 5/13/19*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	8,580.00	5.000%	5,610.78	14,190.78	-
04/15/2023	-	-	3,700.00	3,700.00	-
06/30/2023	-	-	-	-	17,890.78
10/15/2023	10,000.00	5.000%	3,700.00	13,700.00	-
04/15/2024	-	-	3,450.00	3,450.00	-
06/30/2024	-	-	-	-	17,150.00
10/15/2024	10,000.00	5.000%	3,450.00	13,450.00	-
04/15/2025	-	-	3,200.00	3,200.00	-
06/30/2025	-	-	-	-	16,650.00
10/15/2025	15,000.00	5.000%	3,200.00	18,200.00	-
04/15/2026	-	-	2,825.00	2,825.00	-
06/30/2026	-	-	-	-	21,025.00
10/15/2026	15,000.00	5.000%	2,825.00	17,825.00	-
04/15/2027	-	-	2,450.00	2,450.00	-
06/30/2027	-	-	-	-	20,275.00
10/15/2027	15,000.00	3.000%	2,450.00	17,450.00	-
04/15/2028	-	-	2,225.00	2,225.00	-
06/30/2028	-	-	-	-	19,675.00
10/15/2028	15,000.00	5.000%	2,225.00	17,225.00	-
04/15/2029	-	-	1,850.00	1,850.00	-
06/30/2029	-	-	-	-	19,075.00
10/15/2029	15,000.00	5.000%	1,850.00	16,850.00	-
04/15/2030	-	-	1,475.00	1,475.00	-
06/30/2030	-	-	-	-	18,325.00
10/15/2030	15,000.00	5.000%	1,475.00	16,475.00	-
04/15/2031	-	-	1,100.00	1,100.00	-
06/30/2031	-	-	-	-	17,575.00
10/15/2031	15,000.00	4.000%	1,100.00	16,100.00	-
04/15/2032	-	-	800.00	800.00	-
06/30/2032	-	-	-	-	16,900.00
10/15/2032	15,000.00	4.000%	800.00	15,800.00	-
04/15/2033	-	-	500.00	500.00	-
06/30/2033	-	-	-	-	16,300.00
10/15/2033	20,000.00	3.000%	500.00	20,500.00	-
04/15/2034	-	-	200.00	200.00	-
06/30/2034	-	-	-	-	20,700.00
10/15/2034	20,000.00	2.000%	200.00	20,200.00	-
06/30/2035	-	-	-	-	20,200.00
<b>Total</b>	<b>\$188,580.00</b>	<b>-</b>	<b>\$53,160.78</b>	<b>\$241,740.78</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$1,405.15
Average Life.....	7.451 Years
Average Coupon.....	3.7832842%
Net Interest Cost (NIC).....	1.5526531%
True Interest Cost (TIC).....	1.4135388%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.5307232%

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Net Interest Cost.....	1.2858029%
Weighted Average Maturity.....	7.471 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$271,947 Rock Harbor & Town Cove Bulkhead (IE) Dated January 27, 2022*  
*Ch. 44, s. 7(1); auth, 5/13/19*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	86,947.00	5.000%	9,744.77	96,691.77	-
04/15/2023	-	-	4,625.00	4,625.00	-
06/30/2023	-	-	-	-	101,316.77
10/15/2023	90,000.00	5.000%	4,625.00	94,625.00	-
04/15/2024	-	-	2,375.00	2,375.00	-
06/30/2024	-	-	-	-	97,000.00
10/15/2024	95,000.00	5.000%	2,375.00	97,375.00	-
06/30/2025	-	-	-	-	97,375.00
<b>Total</b>	<b>\$271,947.00</b>	<b>-</b>	<b>\$23,744.77</b>	<b>\$295,691.77</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$474.90
Average Life.....	1.746 Years
Average Coupon.....	5.0000005%
Net Interest Cost (NIC).....	0.6879600%
True Interest Cost (TIC).....	0.6496402%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.1399109%

**IRS Form 8038**

Net Interest Cost.....	0.4532076%
Weighted Average Maturity.....	1.773 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$39,577 Fire Station Feasibility (IE) Dated January 27, 2022*  
*Ch. 44, s. 7(7); auth. 10/31/20*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	9,577.00	5.000%	1,418.18	10,995.18	-
04/15/2023	-	-	750.00	750.00	-
06/30/2023	-	-	-	-	11,745.18
10/15/2023	10,000.00	5.000%	750.00	10,750.00	-
04/15/2024	-	-	500.00	500.00	-
06/30/2024	-	-	-	-	11,250.00
10/15/2024	10,000.00	5.000%	500.00	10,500.00	-
04/15/2025	-	-	250.00	250.00	-
06/30/2025	-	-	-	-	10,750.00
10/15/2025	10,000.00	5.000%	250.00	10,250.00	-
06/30/2026	-	-	-	-	10,250.00
<b>Total</b>	<b>\$39,577.00</b>	<b>-</b>	<b>\$4,418.18</b>	<b>\$43,995.18</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$88.36
Average Life.....	2.233 Years
Average Coupon.....	5.0000047%
Net Interest Cost (NIC).....	0.7525957%
True Interest Cost (TIC).....	0.7022385%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.0821659%

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Net Interest Cost.....	0.5375868%
Weighted Average Maturity.....	2.279 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$667,421 Fire Department Pumper Truck (IE) Dated January 27, 2022*  
*Ch. 44, s. 7(1); auth. 10/31/20*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	52,421.00	5.000%	22,769.25	75,190.25	-
04/15/2023	-	-	14,575.00	14,575.00	-
06/30/2023	-	-	-	-	89,765.25
10/15/2023	65,000.00	5.000%	14,575.00	79,575.00	-
04/15/2024	-	-	12,950.00	12,950.00	-
06/30/2024	-	-	-	-	92,525.00
10/15/2024	70,000.00	5.000%	12,950.00	82,950.00	-
04/15/2025	-	-	11,200.00	11,200.00	-
06/30/2025	-	-	-	-	94,150.00
10/15/2025	70,000.00	5.000%	11,200.00	81,200.00	-
04/15/2026	-	-	9,450.00	9,450.00	-
06/30/2026	-	-	-	-	90,650.00
10/15/2026	75,000.00	5.000%	9,450.00	84,450.00	-
04/15/2027	-	-	7,575.00	7,575.00	-
06/30/2027	-	-	-	-	92,025.00
10/15/2027	80,000.00	3.000%	7,575.00	87,575.00	-
04/15/2028	-	-	6,375.00	6,375.00	-
06/30/2028	-	-	-	-	93,950.00
10/15/2028	80,000.00	5.000%	6,375.00	86,375.00	-
04/15/2029	-	-	4,375.00	4,375.00	-
06/30/2029	-	-	-	-	90,750.00
10/15/2029	85,000.00	5.000%	4,375.00	89,375.00	-
04/15/2030	-	-	2,250.00	2,250.00	-
06/30/2030	-	-	-	-	91,625.00
10/15/2030	90,000.00	5.000%	2,250.00	92,250.00	-
06/30/2031	-	-	-	-	92,250.00
<b>Total</b>	<b>\$667,421.00</b>	<b>-</b>	<b>\$160,269.25</b>	<b>\$827,690.25</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,388.32
Average Life.....	5.077 Years
Average Coupon.....	4.7300528%
Net Interest Cost (NIC).....	1.1506923%
True Interest Cost (TIC).....	1.0228482%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.1855150%

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Net Interest Cost.....	0.8838639%
Weighted Average Maturity.....	5.258 Years



**Town of Orleans, Massachusetts**  
**\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds**  
**\$365,000 Landfill Methane Gas (OE) Dated January 27, 2022**  
**Ch. 44, s. 8(23); auth. 10/31/20**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	10,000.00	5.000%	8,635.83	18,635.83	-
04/15/2023	-	-	5,775.00	5,775.00	-
06/30/2023	-	-	-	-	24,410.83
10/15/2023	15,000.00	5.000%	5,775.00	20,775.00	-
04/15/2024	-	-	5,400.00	5,400.00	-
06/30/2024	-	-	-	-	26,175.00
10/15/2024	15,000.00	5.000%	5,400.00	20,400.00	-
04/15/2025	-	-	5,025.00	5,025.00	-
06/30/2025	-	-	-	-	25,425.00
10/15/2025	15,000.00	5.000%	5,025.00	20,025.00	-
04/15/2026	-	-	4,650.00	4,650.00	-
06/30/2026	-	-	-	-	24,675.00
10/15/2026	15,000.00	5.000%	4,650.00	19,650.00	-
04/15/2027	-	-	4,275.00	4,275.00	-
06/30/2027	-	-	-	-	23,925.00
10/15/2027	15,000.00	3.000%	4,275.00	19,275.00	-
04/15/2028	-	-	4,050.00	4,050.00	-
06/30/2028	-	-	-	-	23,325.00
10/15/2028	15,000.00	5.000%	4,050.00	19,050.00	-
04/15/2029	-	-	3,675.00	3,675.00	-
06/30/2029	-	-	-	-	22,725.00
10/15/2029	15,000.00	5.000%	3,675.00	18,675.00	-
04/15/2030	-	-	3,300.00	3,300.00	-
06/30/2030	-	-	-	-	21,975.00
10/15/2030	20,000.00	5.000%	3,300.00	23,300.00	-
04/15/2031	-	-	2,800.00	2,800.00	-
06/30/2031	-	-	-	-	26,100.00
10/15/2031	20,000.00	4.000%	2,800.00	22,800.00	-
04/15/2032	-	-	2,400.00	2,400.00	-
06/30/2032	-	-	-	-	25,200.00
10/15/2032	20,000.00	4.000%	2,400.00	22,400.00	-
04/15/2033	-	-	2,000.00	2,000.00	-
06/30/2033	-	-	-	-	24,400.00
10/15/2033	20,000.00	3.000%	2,000.00	22,000.00	-
04/15/2034	-	-	1,700.00	1,700.00	-
06/30/2034	-	-	-	-	23,700.00
10/15/2034	20,000.00	2.000%	1,700.00	21,700.00	-
04/15/2035	-	-	1,500.00	1,500.00	-
06/30/2035	-	-	-	-	23,200.00
10/15/2035	20,000.00	2.000%	1,500.00	21,500.00	-
04/15/2036	-	-	1,300.00	1,300.00	-
06/30/2036	-	-	-	-	22,800.00
10/15/2036	20,000.00	2.000%	1,300.00	21,300.00	-
04/15/2037	-	-	1,100.00	1,100.00	-
06/30/2037	-	-	-	-	22,400.00
10/15/2037	20,000.00	2.000%	1,100.00	21,100.00	-
04/15/2038	-	-	900.00	900.00	-
06/30/2038	-	-	-	-	22,000.00
10/15/2038	20,000.00	2.000%	900.00	20,900.00	-
04/15/2039	-	-	700.00	700.00	-
06/30/2039	-	-	-	-	21,600.00
10/15/2039	20,000.00	2.000%	700.00	20,700.00	-
04/15/2040	-	-	500.00	500.00	-
06/30/2040	-	-	-	-	21,200.00
10/15/2040	25,000.00	2.000%	500.00	25,500.00	-
04/15/2041	-	-	250.00	250.00	-
06/30/2041	-	-	-	-	25,750.00
10/15/2041	25,000.00	2.000%	250.00	25,250.00	-
06/30/2042	-	-	-	-	25,250.00
<b>Total</b>	<b>\$365,000.00</b>	<b>-</b>	<b>\$111,235.83</b>	<b>\$476,235.83</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$4,106.58
Average Life.....	11.251 Years
Average Coupon.....	2.7087197%
Net Interest Cost (NIC).....	1.8748944%
True Interest Cost (TIC).....	1.8001070%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.8869635%

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Net Interest Cost.....	1.7371532%
Weighted Average Maturity.....	10.892 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$49,438 Pleasant Bay (IE) Dated January 27, 2022*  
*Ch. 44, s. 7(7); auth. 10/31/20*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	9,438.00	5.000%	1,771.53	11,209.53	-
04/15/2023	-	-	1,000.00	1,000.00	-
06/30/2023	-	-	-	-	12,209.53
10/15/2023	10,000.00	5.000%	1,000.00	11,000.00	-
04/15/2024	-	-	750.00	750.00	-
06/30/2024	-	-	-	-	11,750.00
10/15/2024	15,000.00	5.000%	750.00	15,750.00	-
04/15/2025	-	-	375.00	375.00	-
06/30/2025	-	-	-	-	16,125.00
10/15/2025	15,000.00	5.000%	375.00	15,375.00	-
06/30/2026	-	-	-	-	15,375.00
<b>Total</b>	<b>\$49,438.00</b>	<b>-</b>	<b>\$6,021.53</b>	<b>\$55,459.53</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$120.43
Average Life.....	2.436 Years
Average Coupon.....	5.0000014%
Net Interest Cost (NIC).....	0.7607371%
True Interest Cost (TIC).....	0.7080821%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.0555380%

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Net Interest Cost.....	0.5532375%
Weighted Average Maturity.....	2.480 Years

**Town of Orleans, Massachusetts**  
**\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds**  
**\$350,000 Mill Pond Landing Restoration (IE) Dated January 27, 2022**  
**Ch. 44, s. 7(1); auth. 5/22/21**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	10,000.00	5.000%	8,205.83	18,205.83	-
04/15/2023	-	-	5,475.00	5,475.00	-
06/30/2023	-	-	-	-	23,680.83
10/15/2023	10,000.00	5.000%	5,475.00	15,475.00	-
04/15/2024	-	-	5,225.00	5,225.00	-
06/30/2024	-	-	-	-	20,700.00
10/15/2024	15,000.00	5.000%	5,225.00	20,225.00	-
04/15/2025	-	-	4,850.00	4,850.00	-
06/30/2025	-	-	-	-	25,075.00
10/15/2025	15,000.00	5.000%	4,850.00	19,850.00	-
04/15/2026	-	-	4,475.00	4,475.00	-
06/30/2026	-	-	-	-	24,325.00
10/15/2026	15,000.00	5.000%	4,475.00	19,475.00	-
04/15/2027	-	-	4,100.00	4,100.00	-
06/30/2027	-	-	-	-	23,575.00
10/15/2027	15,000.00	3.000%	4,100.00	19,100.00	-
04/15/2028	-	-	3,875.00	3,875.00	-
06/30/2028	-	-	-	-	22,975.00
10/15/2028	15,000.00	5.000%	3,875.00	18,875.00	-
04/15/2029	-	-	3,500.00	3,500.00	-
06/30/2029	-	-	-	-	22,375.00
10/15/2029	15,000.00	5.000%	3,500.00	18,500.00	-
04/15/2030	-	-	3,125.00	3,125.00	-
06/30/2030	-	-	-	-	21,625.00
10/15/2030	15,000.00	5.000%	3,125.00	18,125.00	-
04/15/2031	-	-	2,750.00	2,750.00	-
06/30/2031	-	-	-	-	20,875.00
10/15/2031	20,000.00	4.000%	2,750.00	22,750.00	-
04/15/2032	-	-	2,350.00	2,350.00	-
06/30/2032	-	-	-	-	25,100.00
10/15/2032	20,000.00	4.000%	2,350.00	22,350.00	-
04/15/2033	-	-	1,950.00	1,950.00	-
06/30/2033	-	-	-	-	24,300.00
10/15/2033	20,000.00	3.000%	1,950.00	21,950.00	-
04/15/2034	-	-	1,650.00	1,650.00	-
06/30/2034	-	-	-	-	23,600.00
10/15/2034	20,000.00	2.000%	1,650.00	21,650.00	-
04/15/2035	-	-	1,450.00	1,450.00	-
06/30/2035	-	-	-	-	23,100.00
10/15/2035	20,000.00	2.000%	1,450.00	21,450.00	-
04/15/2036	-	-	1,250.00	1,250.00	-
06/30/2036	-	-	-	-	22,700.00
10/15/2036	20,000.00	2.000%	1,250.00	21,250.00	-
04/15/2037	-	-	1,050.00	1,050.00	-
06/30/2037	-	-	-	-	22,300.00
10/15/2037	20,000.00	2.000%	1,050.00	21,050.00	-
04/15/2038	-	-	850.00	850.00	-
06/30/2038	-	-	-	-	21,900.00
10/15/2038	20,000.00	2.000%	850.00	20,850.00	-
04/15/2039	-	-	650.00	650.00	-
06/30/2039	-	-	-	-	21,500.00
10/15/2039	20,000.00	2.000%	650.00	20,650.00	-
04/15/2040	-	-	450.00	450.00	-
06/30/2040	-	-	-	-	21,100.00
10/15/2040	20,000.00	2.000%	450.00	20,450.00	-
04/15/2041	-	-	250.00	250.00	-
06/30/2041	-	-	-	-	20,700.00
10/15/2041	25,000.00	2.000%	250.00	25,250.00	-
06/30/2042	-	-	-	-	25,250.00
<b>Total</b>	<b>\$350,000.00</b>	<b>-</b>	<b>\$106,755.83</b>	<b>\$456,755.83</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,960.83
Average Life.....	11.317 Years
Average Coupon.....	2.6952871%
Net Interest Cost (NIC).....	1.8776013%
True Interest Cost (TIC).....	1.8040228%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.8904452%

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Net Interest Cost.....	1.7415143%
Weighted Average Maturity.....	10.958 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$200,000 Replace OES Windows and Roofs (IE) Dated January 27, 2022*  
*Ch. 44, s. 7(1); auth. 5/22/21*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	5,000.00	5.000%	4,694.17	9,694.17	-
04/15/2023	-	-	3,150.00	3,150.00	-
06/30/2023	-	-	-	-	12,844.17
10/15/2023	5,000.00	5.000%	3,150.00	8,150.00	-
04/15/2024	-	-	3,025.00	3,025.00	-
06/30/2024	-	-	-	-	11,175.00
10/15/2024	5,000.00	5.000%	3,025.00	8,025.00	-
04/15/2025	-	-	2,900.00	2,900.00	-
06/30/2025	-	-	-	-	10,925.00
10/15/2025	10,000.00	5.000%	2,900.00	12,900.00	-
04/15/2026	-	-	2,650.00	2,650.00	-
06/30/2026	-	-	-	-	15,550.00
10/15/2026	10,000.00	5.000%	2,650.00	12,650.00	-
04/15/2027	-	-	2,400.00	2,400.00	-
06/30/2027	-	-	-	-	15,050.00
10/15/2027	10,000.00	3.000%	2,400.00	12,400.00	-
04/15/2028	-	-	2,250.00	2,250.00	-
06/30/2028	-	-	-	-	14,650.00
10/15/2028	10,000.00	5.000%	2,250.00	12,250.00	-
04/15/2029	-	-	2,000.00	2,000.00	-
06/30/2029	-	-	-	-	14,250.00
10/15/2029	10,000.00	5.000%	2,000.00	12,000.00	-
04/15/2030	-	-	1,750.00	1,750.00	-
06/30/2030	-	-	-	-	13,750.00
10/15/2030	10,000.00	5.000%	1,750.00	11,750.00	-
04/15/2031	-	-	1,500.00	1,500.00	-
06/30/2031	-	-	-	-	13,250.00
10/15/2031	10,000.00	4.000%	1,500.00	11,500.00	-
04/15/2032	-	-	1,300.00	1,300.00	-
06/30/2032	-	-	-	-	12,800.00
10/15/2032	10,000.00	4.000%	1,300.00	11,300.00	-
04/15/2033	-	-	1,100.00	1,100.00	-
06/30/2033	-	-	-	-	12,400.00
10/15/2033	10,000.00	3.000%	1,100.00	11,100.00	-
04/15/2034	-	-	950.00	950.00	-
06/30/2034	-	-	-	-	12,050.00
10/15/2034	10,000.00	2.000%	950.00	10,950.00	-
04/15/2035	-	-	850.00	850.00	-
06/30/2035	-	-	-	-	11,800.00
10/15/2035	10,000.00	2.000%	850.00	10,850.00	-
04/15/2036	-	-	750.00	750.00	-
06/30/2036	-	-	-	-	11,600.00
10/15/2036	10,000.00	2.000%	750.00	10,750.00	-
04/15/2037	-	-	650.00	650.00	-
06/30/2037	-	-	-	-	11,400.00
10/15/2037	10,000.00	2.000%	650.00	10,650.00	-
04/15/2038	-	-	550.00	550.00	-
06/30/2038	-	-	-	-	11,200.00
10/15/2038	10,000.00	2.000%	550.00	10,550.00	-
04/15/2039	-	-	450.00	450.00	-
06/30/2039	-	-	-	-	11,000.00
10/15/2039	15,000.00	2.000%	450.00	15,450.00	-
04/15/2040	-	-	300.00	300.00	-
06/30/2040	-	-	-	-	15,750.00
10/15/2040	15,000.00	2.000%	300.00	15,300.00	-
04/15/2041	-	-	150.00	150.00	-
06/30/2041	-	-	-	-	15,450.00
10/15/2041	15,000.00	2.000%	150.00	15,150.00	-
06/30/2042	-	-	-	-	15,150.00
<b>Total</b>	<b>\$200,000.00</b>	<b>-</b>	<b>\$62,044.17</b>	<b>\$262,044.17</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$2,298.33
Average Life.....	11.492 Years
Average Coupon.....	2.6995288%
Net Interest Cost (NIC).....	1.8760412%
True Interest Cost (TIC).....	1.8023527%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.8875655%

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Net Interest Cost.....	1.7417751%
Weighted Average Maturity.....	11.098 Years

**Town of Orleans, Massachusetts**  
**\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds**  
**\$3,300,000 Nauset Beach Retreat Phase 2 (IE) Dated January 27, 2022**  
*Ch. 44, s. 7(1); auth. 10/25/21*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	135,000.00	5.000%	90,335.83	225,335.83	-
04/15/2023	-	-	59,650.00	59,650.00	-
06/30/2023	-	-	-	-	284,985.83
10/15/2023	165,000.00	5.000%	59,650.00	224,650.00	-
04/15/2024	-	-	55,525.00	55,525.00	-
06/30/2024	-	-	-	-	280,175.00
10/15/2024	175,000.00	5.000%	55,525.00	230,525.00	-
04/15/2025	-	-	51,150.00	51,150.00	-
06/30/2025	-	-	-	-	281,675.00
10/15/2025	185,000.00	5.000%	51,150.00	236,150.00	-
04/15/2026	-	-	46,525.00	46,525.00	-
06/30/2026	-	-	-	-	282,675.00
10/15/2026	195,000.00	5.000%	46,525.00	241,525.00	-
04/15/2027	-	-	41,650.00	41,650.00	-
06/30/2027	-	-	-	-	283,175.00
10/15/2027	200,000.00	3.000%	41,650.00	241,650.00	-
04/15/2028	-	-	38,650.00	38,650.00	-
06/30/2028	-	-	-	-	280,300.00
10/15/2028	210,000.00	5.000%	38,650.00	248,650.00	-
04/15/2029	-	-	33,400.00	33,400.00	-
06/30/2029	-	-	-	-	282,050.00
10/15/2029	220,000.00	5.000%	33,400.00	253,400.00	-
04/15/2030	-	-	27,900.00	27,900.00	-
06/30/2030	-	-	-	-	281,300.00
10/15/2030	230,000.00	5.000%	27,900.00	257,900.00	-
04/15/2031	-	-	22,150.00	22,150.00	-
06/30/2031	-	-	-	-	280,050.00
10/15/2031	245,000.00	4.000%	22,150.00	267,150.00	-
04/15/2032	-	-	17,250.00	17,250.00	-
06/30/2032	-	-	-	-	284,400.00
10/15/2032	255,000.00	4.000%	17,250.00	272,250.00	-
04/15/2033	-	-	12,150.00	12,150.00	-
06/30/2033	-	-	-	-	284,400.00
10/15/2033	260,000.00	3.000%	12,150.00	272,150.00	-
04/15/2034	-	-	8,250.00	8,250.00	-
06/30/2034	-	-	-	-	280,400.00
10/15/2034	270,000.00	2.000%	8,250.00	278,250.00	-
04/15/2035	-	-	5,550.00	5,550.00	-
06/30/2035	-	-	-	-	283,800.00
10/15/2035	275,000.00	2.000%	5,550.00	280,550.00	-
04/15/2036	-	-	2,800.00	2,800.00	-
06/30/2036	-	-	-	-	283,350.00
10/15/2036	280,000.00	2.000%	2,800.00	282,800.00	-
06/30/2037	-	-	-	-	282,800.00
<b>Total</b>	<b>\$3,300,000.00</b>	<b>-</b>	<b>\$935,535.83</b>	<b>\$4,235,535.83</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$28,205.00
Average Life.....	8.547 Years
Average Coupon.....	3.3169148%
Net Interest Cost (NIC).....	1.6692706%
True Interest Cost (TIC).....	1.5507948%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.6567945%

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Net Interest Cost.....	1.4421990%
Weighted Average Maturity.....	8.443 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$181,060 Rock Harbor Dredging (IE) Dated January 27, 2022*  
*Ch. 44, s. 7(1); auth. 10/25/21*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	31,060.00	5.000%	6,487.98	37,547.98	-
04/15/2023	-	-	3,750.00	3,750.00	-
06/30/2023	-	-	-	-	41,297.98
10/15/2023	35,000.00	5.000%	3,750.00	38,750.00	-
04/15/2024	-	-	2,875.00	2,875.00	-
06/30/2024	-	-	-	-	41,625.00
10/15/2024	35,000.00	5.000%	2,875.00	37,875.00	-
04/15/2025	-	-	2,000.00	2,000.00	-
06/30/2025	-	-	-	-	39,875.00
10/15/2025	40,000.00	5.000%	2,000.00	42,000.00	-
04/15/2026	-	-	1,000.00	1,000.00	-
06/30/2026	-	-	-	-	43,000.00
10/15/2026	40,000.00	5.000%	1,000.00	41,000.00	-
06/30/2027	-	-	-	-	41,000.00
<b>Total</b>	<b>\$181,060.00</b>	<b>-</b>	<b>\$25,737.98</b>	<b>\$206,797.98</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$514.76
Average Life.....	2.843 Years
Average Coupon.....	4.9999994%
Net Interest Cost (NIC).....	0.8347643%
True Interest Cost (TIC).....	0.7688930%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.0644663%

**IRS Form 8038**

Net Interest Cost.....	0.6239180%
Weighted Average Maturity.....	2.913 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$714,536 Areys Pond Land Acquisition (I)' s Pond Land Acquisition (I)' Dated Jan*  
*Ch. 44, s. 7(1); auth, 6/20/20*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	39,536.00	5.000%	18,724.21	58,260.21	-
04/15/2023	-	-	12,075.00	12,075.00	-
06/30/2023	-	-	-	-	70,335.21
10/15/2023	40,000.00	5.000%	12,075.00	52,075.00	-
04/15/2024	-	-	11,075.00	11,075.00	-
06/30/2024	-	-	-	-	63,150.00
10/15/2024	40,000.00	5.000%	11,075.00	51,075.00	-
04/15/2025	-	-	10,075.00	10,075.00	-
06/30/2025	-	-	-	-	61,150.00
10/15/2025	40,000.00	5.000%	10,075.00	50,075.00	-
04/15/2026	-	-	9,075.00	9,075.00	-
06/30/2026	-	-	-	-	59,150.00
10/15/2026	40,000.00	5.000%	9,075.00	49,075.00	-
04/15/2027	-	-	8,075.00	8,075.00	-
06/30/2027	-	-	-	-	57,150.00
10/15/2027	40,000.00	3.000%	8,075.00	48,075.00	-
04/15/2028	-	-	7,475.00	7,475.00	-
06/30/2028	-	-	-	-	55,550.00
10/15/2028	40,000.00	5.000%	7,475.00	47,475.00	-
04/15/2029	-	-	6,475.00	6,475.00	-
06/30/2029	-	-	-	-	53,950.00
10/15/2029	40,000.00	5.000%	6,475.00	46,475.00	-
04/15/2030	-	-	5,475.00	5,475.00	-
06/30/2030	-	-	-	-	51,950.00
10/15/2030	40,000.00	5.000%	5,475.00	45,475.00	-
04/15/2031	-	-	4,475.00	4,475.00	-
06/30/2031	-	-	-	-	49,950.00
10/15/2031	40,000.00	4.000%	4,475.00	44,475.00	-
04/15/2032	-	-	3,675.00	3,675.00	-
06/30/2032	-	-	-	-	48,150.00
10/15/2032	35,000.00	4.000%	3,675.00	38,675.00	-
04/15/2033	-	-	2,975.00	2,975.00	-
06/30/2033	-	-	-	-	41,650.00
10/15/2033	35,000.00	3.000%	2,975.00	37,975.00	-
04/15/2034	-	-	2,450.00	2,450.00	-
06/30/2034	-	-	-	-	40,425.00
10/15/2034	35,000.00	2.000%	2,450.00	37,450.00	-
04/15/2035	-	-	2,100.00	2,100.00	-
06/30/2035	-	-	-	-	39,550.00
10/15/2035	35,000.00	2.000%	2,100.00	37,100.00	-
04/15/2036	-	-	1,750.00	1,750.00	-
06/30/2036	-	-	-	-	38,850.00
10/15/2036	35,000.00	2.000%	1,750.00	36,750.00	-
04/15/2037	-	-	1,400.00	1,400.00	-
06/30/2037	-	-	-	-	38,150.00
10/15/2037	35,000.00	2.000%	1,400.00	36,400.00	-
04/15/2038	-	-	1,050.00	1,050.00	-
06/30/2038	-	-	-	-	37,450.00
10/15/2038	35,000.00	2.000%	1,050.00	36,050.00	-
04/15/2039	-	-	700.00	700.00	-
06/30/2039	-	-	-	-	36,750.00
10/15/2039	35,000.00	2.000%	700.00	35,700.00	-
04/15/2040	-	-	350.00	350.00	-
06/30/2040	-	-	-	-	36,050.00
10/15/2040	35,000.00	2.000%	350.00	35,350.00	-
06/30/2041	-	-	-	-	35,350.00
<b>Total</b>	<b>\$714,536.00</b>	<b>-</b>	<b>\$200,174.21</b>	<b>\$914,710.21</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$6,722.08
Average Life.....	9.408 Years
Average Coupon.....	2.9778593%
Net Interest Cost (NIC).....	1.7788976%
True Interest Cost (TIC).....	1.6842103%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.7846162%

**IRS Form 8038**

Net Interest Cost.....	1.6050945%
Weighted Average Maturity.....	9.155 Years

**Town of Orleans, Massachusetts**

\$11,480,000 General Obligation Municipal Purpose Loan of 2022

Bonds \$1,300,000 Affordable Housing (I) Dated January 27, 2022

Ch. 44B & Ch.471 of the Acts of 2004 s. 7(1); auth. 5/22/21

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	65,000.00	5.000%	32,608.33	97,608.33	-
04/15/2023	-	-	21,125.00	21,125.00	-
06/30/2023	-	-	-	-	118,733.33
10/15/2023	65,000.00	5.000%	21,125.00	86,125.00	-
04/15/2024	-	-	19,500.00	19,500.00	-
06/30/2024	-	-	-	-	105,625.00
10/15/2024	65,000.00	5.000%	19,500.00	84,500.00	-
04/15/2025	-	-	17,875.00	17,875.00	-
06/30/2025	-	-	-	-	102,375.00
10/15/2025	65,000.00	5.000%	17,875.00	82,875.00	-
04/15/2026	-	-	16,250.00	16,250.00	-
06/30/2026	-	-	-	-	99,125.00
10/15/2026	65,000.00	5.000%	16,250.00	81,250.00	-
04/15/2027	-	-	14,625.00	14,625.00	-
06/30/2027	-	-	-	-	95,875.00
10/15/2027	65,000.00	3.000%	14,625.00	79,625.00	-
04/15/2028	-	-	13,650.00	13,650.00	-
06/30/2028	-	-	-	-	93,275.00
10/15/2028	65,000.00	5.000%	13,650.00	78,650.00	-
04/15/2029	-	-	12,025.00	12,025.00	-
06/30/2029	-	-	-	-	90,675.00
10/15/2029	65,000.00	5.000%	12,025.00	77,025.00	-
04/15/2030	-	-	10,400.00	10,400.00	-
06/30/2030	-	-	-	-	87,425.00
10/15/2030	65,000.00	5.000%	10,400.00	75,400.00	-
04/15/2031	-	-	8,775.00	8,775.00	-
06/30/2031	-	-	-	-	84,175.00
10/15/2031	65,000.00	4.000%	8,775.00	73,775.00	-
04/15/2032	-	-	7,475.00	7,475.00	-
06/30/2032	-	-	-	-	81,250.00
10/15/2032	65,000.00	4.000%	7,475.00	72,475.00	-
04/15/2033	-	-	6,175.00	6,175.00	-
06/30/2033	-	-	-	-	78,650.00
10/15/2033	65,000.00	3.000%	6,175.00	71,175.00	-
04/15/2034	-	-	5,200.00	5,200.00	-
06/30/2034	-	-	-	-	76,375.00
10/15/2034	65,000.00	2.000%	5,200.00	70,200.00	-
04/15/2035	-	-	4,550.00	4,550.00	-
06/30/2035	-	-	-	-	74,750.00
10/15/2035	65,000.00	2.000%	4,550.00	69,550.00	-
04/15/2036	-	-	3,900.00	3,900.00	-
06/30/2036	-	-	-	-	73,450.00
10/15/2036	65,000.00	2.000%	3,900.00	68,900.00	-
04/15/2037	-	-	3,250.00	3,250.00	-
06/30/2037	-	-	-	-	72,150.00
10/15/2037	65,000.00	2.000%	3,250.00	68,250.00	-
04/15/2038	-	-	2,600.00	2,600.00	-
06/30/2038	-	-	-	-	70,850.00
10/15/2038	65,000.00	2.000%	2,600.00	67,600.00	-
04/15/2039	-	-	1,950.00	1,950.00	-
06/30/2039	-	-	-	-	69,550.00
10/15/2039	65,000.00	2.000%	1,950.00	66,950.00	-
04/15/2040	-	-	1,300.00	1,300.00	-
06/30/2040	-	-	-	-	68,250.00
10/15/2040	65,000.00	2.000%	1,300.00	66,300.00	-
04/15/2041	-	-	650.00	650.00	-
06/30/2041	-	-	-	-	66,950.00
10/15/2041	65,000.00	2.000%	650.00	65,650.00	-
06/30/2042	-	-	-	-	65,650.00
<b>Total</b>	<b>\$1,300,000.00</b>	<b>-</b>	<b>\$375,158.33</b>	<b>\$1,675,158.33</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$13,281.67
Average Life.....	10.217 Years
Average Coupon.....	2.8246329%
Net Interest Cost (NIC).....	1.8297713%
True Interest Cost (TIC).....	1.7461983%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.8404481%

**IRS Form 8038**

Net Interest Cost.....	1.6774196%
Weighted Average Maturity.....	9.905 Years



**Town of Orleans, Massachusetts**  
**\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds**  
**\$70,400 Replace Rock Harbor Rd Water Main (O) January 27, 2022**  
**Ch. 44, s. 8(5); auth, 5/13/19**

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	5,400.00	5.000%	2,092.67	7,492.67	-
04/15/2023	-	-	1,325.00	1,325.00	-
06/30/2023	-	-	-	-	8,817.67
10/15/2023	5,000.00	5.000%	1,325.00	6,325.00	-
04/15/2024	-	-	1,200.00	1,200.00	-
06/30/2024	-	-	-	-	7,525.00
10/15/2024	5,000.00	5.000%	1,200.00	6,200.00	-
04/15/2025	-	-	1,075.00	1,075.00	-
06/30/2025	-	-	-	-	7,275.00
10/15/2025	5,000.00	5.000%	1,075.00	6,075.00	-
04/15/2026	-	-	950.00	950.00	-
06/30/2026	-	-	-	-	7,025.00
10/15/2026	5,000.00	5.000%	950.00	5,950.00	-
04/15/2027	-	-	825.00	825.00	-
06/30/2027	-	-	-	-	6,775.00
10/15/2027	5,000.00	3.000%	825.00	5,825.00	-
04/15/2028	-	-	750.00	750.00	-
06/30/2028	-	-	-	-	6,575.00
10/15/2028	5,000.00	5.000%	750.00	5,750.00	-
04/15/2029	-	-	625.00	625.00	-
06/30/2029	-	-	-	-	6,375.00
10/15/2029	5,000.00	5.000%	625.00	5,625.00	-
04/15/2030	-	-	500.00	500.00	-
06/30/2030	-	-	-	-	6,125.00
10/15/2030	5,000.00	5.000%	500.00	5,500.00	-
04/15/2031	-	-	375.00	375.00	-
06/30/2031	-	-	-	-	5,875.00
10/15/2031	5,000.00	4.000%	375.00	5,375.00	-
04/15/2032	-	-	275.00	275.00	-
06/30/2032	-	-	-	-	5,650.00
10/15/2032	5,000.00	4.000%	275.00	5,275.00	-
04/15/2033	-	-	175.00	175.00	-
06/30/2033	-	-	-	-	5,450.00
10/15/2033	5,000.00	3.000%	175.00	5,175.00	-
04/15/2034	-	-	100.00	100.00	-
06/30/2034	-	-	-	-	5,275.00
10/15/2034	5,000.00	2.000%	100.00	5,100.00	-
04/15/2035	-	-	50.00	50.00	-
06/30/2035	-	-	-	-	5,150.00
10/15/2035	5,000.00	2.000%	50.00	5,050.00	-
06/30/2036	-	-	-	-	5,050.00
<b>Total</b>	<b>\$70,400.00</b>	<b>-</b>	<b>\$18,542.67</b>	<b>\$88,942.67</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$505.45
Average Life.....	7.180 Years
Average Coupon.....	3.6685226%
Net Interest Cost (NIC).....	1.5613113%
True Interest Cost (TIC).....	1.4305188%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.5532443%

**IRS Form 8038**

Net Interest Cost.....	1.3086863%
Weighted Average Maturity.....	7.197 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$826,354 Rock Harbor Water Main (O) January 27, 2022*  
*Ch. 44, s. 8(5); auth, 6/20/20*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	46,354.00	5.000%	21,011.02	67,365.02	-
04/15/2023	-	-	13,500.00	13,500.00	-
06/30/2023	-	-	-	-	80,865.02
10/15/2023	45,000.00	5.000%	13,500.00	58,500.00	-
04/15/2024	-	-	12,375.00	12,375.00	-
06/30/2024	-	-	-	-	70,875.00
10/15/2024	45,000.00	5.000%	12,375.00	57,375.00	-
04/15/2025	-	-	11,250.00	11,250.00	-
06/30/2025	-	-	-	-	68,625.00
10/15/2025	45,000.00	5.000%	11,250.00	56,250.00	-
04/15/2026	-	-	10,125.00	10,125.00	-
06/30/2026	-	-	-	-	66,375.00
10/15/2026	45,000.00	5.000%	10,125.00	55,125.00	-
04/15/2027	-	-	9,000.00	9,000.00	-
06/30/2027	-	-	-	-	64,125.00
10/15/2027	40,000.00	3.000%	9,000.00	49,000.00	-
04/15/2028	-	-	8,400.00	8,400.00	-
06/30/2028	-	-	-	-	57,400.00
10/15/2028	40,000.00	5.000%	8,400.00	48,400.00	-
04/15/2029	-	-	7,400.00	7,400.00	-
06/30/2029	-	-	-	-	55,800.00
10/15/2029	40,000.00	5.000%	7,400.00	47,400.00	-
04/15/2030	-	-	6,400.00	6,400.00	-
06/30/2030	-	-	-	-	53,800.00
10/15/2030	40,000.00	5.000%	6,400.00	46,400.00	-
04/15/2031	-	-	5,400.00	5,400.00	-
06/30/2031	-	-	-	-	51,800.00
10/15/2031	40,000.00	4.000%	5,400.00	45,400.00	-
04/15/2032	-	-	4,600.00	4,600.00	-
06/30/2032	-	-	-	-	50,000.00
10/15/2032	40,000.00	4.000%	4,600.00	44,600.00	-
04/15/2033	-	-	3,800.00	3,800.00	-
06/30/2033	-	-	-	-	48,400.00
10/15/2033	40,000.00	3.000%	3,800.00	43,800.00	-
04/15/2034	-	-	3,200.00	3,200.00	-
06/30/2034	-	-	-	-	47,000.00
10/15/2034	40,000.00	2.000%	3,200.00	43,200.00	-
04/15/2035	-	-	2,800.00	2,800.00	-
06/30/2035	-	-	-	-	46,000.00
10/15/2035	40,000.00	2.000%	2,800.00	42,800.00	-
04/15/2036	-	-	2,400.00	2,400.00	-
06/30/2036	-	-	-	-	45,200.00
10/15/2036	40,000.00	2.000%	2,400.00	42,400.00	-
04/15/2037	-	-	2,000.00	2,000.00	-
06/30/2037	-	-	-	-	44,400.00
10/15/2037	40,000.00	2.000%	2,000.00	42,000.00	-
04/15/2038	-	-	1,600.00	1,600.00	-
06/30/2038	-	-	-	-	43,600.00
10/15/2038	40,000.00	2.000%	1,600.00	41,600.00	-
04/15/2039	-	-	1,200.00	1,200.00	-
06/30/2039	-	-	-	-	42,800.00
10/15/2039	40,000.00	2.000%	1,200.00	41,200.00	-
04/15/2040	-	-	800.00	800.00	-
06/30/2040	-	-	-	-	42,000.00
10/15/2040	40,000.00	2.000%	800.00	40,800.00	-
04/15/2041	-	-	400.00	400.00	-
06/30/2041	-	-	-	-	41,200.00
10/15/2041	40,000.00	2.000%	400.00	40,400.00	-
06/30/2042	-	-	-	-	40,400.00
<b>Total</b>	<b>\$826,354.00</b>	<b>-</b>	<b>\$234,311.02</b>	<b>\$1,060,665.02</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$8,242.22
Average Life.....	9.974 Years
Average Coupon.....	2.8428143%
Net Interest Cost (NIC).....	1.8213935%
True Interest Cost (TIC).....	1.7369927%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.8333478%
<b>IRS Form 8038</b>	
Net Interest Cost.....	1.6679037%
Weighted Average Maturity.....	9.674 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$4,000 Water Service Replacement (O) January 27, 2022*  
*Ch. 44, s. 8(7A); auth, 6/20/20*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	4,000.00	5.000%	143.33	4,143.33	-
06/30/2023	-	-	-	-	4,143.33
<b>Total</b>	<b>\$4,000.00</b>	<b>-</b>	<b>\$143.33</b>	<b>\$4,143.33</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$2.87
Average Life.....	0.717 Years
Average Coupon.....	4.9998837%
Net Interest Cost (NIC).....	0.8075581%
True Interest Cost (TIC).....	0.7833385%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	2.0071299%

**IRS Form 8038**

Net Interest Cost.....	0.3298019%
Weighted Average Maturity.....	0.717 Years

**Town of Orleans, Massachusetts**  
**\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds**  
**\$300,000 Canal Road Water Main Replacement (O) January 27, 2022**  
*Ch. 44, s. 8(5); auth, 6/20/20*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	15,000.00	5.000%	7,525.00	22,525.00	-
04/15/2023	-	-	4,875.00	4,875.00	-
06/30/2023	-	-	-	-	27,400.00
10/15/2023	15,000.00	5.000%	4,875.00	19,875.00	-
04/15/2024	-	-	4,500.00	4,500.00	-
06/30/2024	-	-	-	-	24,375.00
10/15/2024	15,000.00	5.000%	4,500.00	19,500.00	-
04/15/2025	-	-	4,125.00	4,125.00	-
06/30/2025	-	-	-	-	23,625.00
10/15/2025	15,000.00	5.000%	4,125.00	19,125.00	-
04/15/2026	-	-	3,750.00	3,750.00	-
06/30/2026	-	-	-	-	22,875.00
10/15/2026	15,000.00	5.000%	3,750.00	18,750.00	-
04/15/2027	-	-	3,375.00	3,375.00	-
06/30/2027	-	-	-	-	22,125.00
10/15/2027	15,000.00	3.000%	3,375.00	18,375.00	-
04/15/2028	-	-	3,150.00	3,150.00	-
06/30/2028	-	-	-	-	21,525.00
10/15/2028	15,000.00	5.000%	3,150.00	18,150.00	-
04/15/2029	-	-	2,775.00	2,775.00	-
06/30/2029	-	-	-	-	20,925.00
10/15/2029	15,000.00	5.000%	2,775.00	17,775.00	-
04/15/2030	-	-	2,400.00	2,400.00	-
06/30/2030	-	-	-	-	20,175.00
10/15/2030	15,000.00	5.000%	2,400.00	17,400.00	-
04/15/2031	-	-	2,025.00	2,025.00	-
06/30/2031	-	-	-	-	19,425.00
10/15/2031	15,000.00	4.000%	2,025.00	17,025.00	-
04/15/2032	-	-	1,725.00	1,725.00	-
06/30/2032	-	-	-	-	18,750.00
10/15/2032	15,000.00	4.000%	1,725.00	16,725.00	-
04/15/2033	-	-	1,425.00	1,425.00	-
06/30/2033	-	-	-	-	18,150.00
10/15/2033	15,000.00	3.000%	1,425.00	16,425.00	-
04/15/2034	-	-	1,200.00	1,200.00	-
06/30/2034	-	-	-	-	17,625.00
10/15/2034	15,000.00	2.000%	1,200.00	16,200.00	-
04/15/2035	-	-	1,050.00	1,050.00	-
06/30/2035	-	-	-	-	17,250.00
10/15/2035	15,000.00	2.000%	1,050.00	16,050.00	-
04/15/2036	-	-	900.00	900.00	-
06/30/2036	-	-	-	-	16,950.00
10/15/2036	15,000.00	2.000%	900.00	15,900.00	-
04/15/2037	-	-	750.00	750.00	-
06/30/2037	-	-	-	-	16,650.00
10/15/2037	15,000.00	2.000%	750.00	15,750.00	-
04/15/2038	-	-	600.00	600.00	-
06/30/2038	-	-	-	-	16,350.00
10/15/2038	15,000.00	2.000%	600.00	15,600.00	-
04/15/2039	-	-	450.00	450.00	-
06/30/2039	-	-	-	-	16,050.00
10/15/2039	15,000.00	2.000%	450.00	15,450.00	-
04/15/2040	-	-	300.00	300.00	-
06/30/2040	-	-	-	-	15,750.00
10/15/2040	15,000.00	2.000%	300.00	15,300.00	-
04/15/2041	-	-	150.00	150.00	-
06/30/2041	-	-	-	-	15,450.00
10/15/2041	15,000.00	2.000%	150.00	15,150.00	-
06/30/2042	-	-	-	-	15,150.00
<b>Total</b>	<b>\$300,000.00</b>	<b>-</b>	<b>\$86,575.00</b>	<b>\$386,575.00</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$3,065.00
Average Life.....	10.217 Years
Average Coupon.....	2.8246330%
Net Interest Cost (NIC).....	1.8297713%
True Interest Cost (TIC).....	1.7461983%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.8404481%
<b>IRS Form 8038</b>	
Net Interest Cost.....	1.6774196%
Weighted Average Maturity.....	9.905 Years

**Town of Orleans, Massachusetts**  
*\$11,480,000 General Obligation Municipal Purpose Loan of 2022 Bonds*  
*\$40,000 Water Treatment Plant Study (I) January 27, 2022*  
*Ch. 44, s. 7(7); auth. 5/22/21*

**Debt Service Schedule**

DATE	PRINCIPAL	COUPON	INTEREST	TOTAL P+I	Fiscal Total
01/27/2022	-	-	-	-	-
10/15/2022	10,000.00	5.000%	1,433.33	11,433.33	-
04/15/2023	-	-	750.00	750.00	-
06/30/2023	-	-	-	-	12,183.33
10/15/2023	10,000.00	5.000%	750.00	10,750.00	-
04/15/2024	-	-	500.00	500.00	-
06/30/2024	-	-	-	-	11,250.00
10/15/2024	10,000.00	5.000%	500.00	10,500.00	-
04/15/2025	-	-	250.00	250.00	-
06/30/2025	-	-	-	-	10,750.00
10/15/2025	5,000.00	5.000%	250.00	5,250.00	-
04/15/2026	-	-	125.00	125.00	-
06/30/2026	-	-	-	-	5,375.00
10/15/2026	5,000.00	5.000%	125.00	5,125.00	-
06/30/2027	-	-	-	-	5,125.00
<b>Total</b>	<b>\$40,000.00</b>	<b>-</b>	<b>\$4,683.33</b>	<b>\$44,683.33</b>	<b>-</b>

**Yield Statistics**

Bond Year Dollars.....	\$93.67
Average Life.....	2.342 Years
Average Coupon.....	4.9999964%
Net Interest Cost (NIC).....	0.7892989%
True Interest Cost (TIC).....	0.7327001%
Bond Yield for Arbitrage Purposes.....	1.5612564%
All Inclusive Cost (AIC).....	1.0937208%

**IRS Form 8038**

Net Interest Cost.....	0.5711252%
Weighted Average Maturity.....	2.405 Years

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**Town of Orleans, Massachusetts**  
*Total Long-Term Debt Outstanding Projected as of June 30, 2022*  
*Inside the Debt Limit*

**Aggregate Debt Service**

DATE	PRINCIPAL	INTEREST	TOTAL P+I
06/30/2022	-	-	-
06/30/2023	3,565,666.00	1,402,192.19	4,967,858.19
06/30/2024	3,585,000.00	1,187,555.00	4,772,555.00
06/30/2025	2,955,000.00	1,020,080.00	3,975,080.00
06/30/2026	2,800,000.00	880,430.00	3,680,430.00
06/30/2027	2,220,000.00	754,430.00	2,974,430.00
06/30/2028	1,945,000.00	656,930.00	2,601,930.00
06/30/2029	1,840,000.00	574,230.00	2,414,230.00
06/30/2030	1,850,000.00	495,355.00	2,345,355.00
06/30/2031	1,870,000.00	421,430.00	2,291,430.00
06/30/2032	1,770,000.00	359,980.00	2,129,980.00
06/30/2033	1,785,000.00	302,980.00	2,087,980.00
06/30/2034	1,765,000.00	249,555.00	2,014,555.00
06/30/2035	1,770,000.00	200,155.00	1,970,155.00
06/30/2036	1,735,000.00	152,655.00	1,887,655.00
06/30/2037	1,740,000.00	105,467.50	1,845,467.50
06/30/2038	1,461,000.00	61,090.00	1,522,090.00
06/30/2039	390,000.00	35,412.50	425,412.50
06/30/2040	395,000.00	25,687.50	420,687.50
06/30/2041	390,000.00	15,850.00	405,850.00
06/30/2042	270,000.00	6,412.50	276,412.50
<b>Total</b>	<b>\$36,101,666.00</b>	<b>\$8,907,877.19</b>	<b>\$45,009,543.19</b>

**Par Amounts Of Selected Issues**

January 26 2012 -Land Acquisition - CPA IV (I).....	210,000.00
April 2 2015 -Ref of Land Acquisition - CPA (I).....	415,000.00
April 2 2015 -Ref of Town Hall Building Remodeling (IE).....	1,370,000.00
February 1 2016 -Public Wharf (IE).....	25,000.00
February 1 2016 -Piers & Boat Ramps (IE).....	20,000.00
February 1 2016 -Rock Harbor Dredging (IE).....	210,000.00
February 1 2016 -Elementary School Playground (IE).....	20,000.00
February 9 2017 -Nauset Beach Parking Lot (IE).....	105,000.00
February 9 2017 -Police Station (IE).....	565,000.00
February 9 2017 -Police Station Construction (IE).....	1,900,000.00
February 9 2017 -Nauset Beach Parking Lot II (IE).....	30,000.00
February 9 2017 -Nauset Estuary Dredging (IE).....	20,000.00
February 9 2017 -Rock Harbor Bulkhead (IE).....	435,000.00
February 9 2017 -Nauset Estuary Study (I).....	20,000.00
November 16 2017 -Police Station Construction (IE).....	6,720,000.00
November 16 2017 -DPW Facility (IE).....	358,000.00
November 16 2017 -DPW Central Garage (IE).....	10,003,000.00
November 16 2017 -Rock Harbor Bulkhead (IE).....	1,171,500.00
November 16 2017 -Nauset Beach Parking Lot (IE).....	149,000.00
November 16 2017 -Nauset Estuary Dredging 1 (IE).....	43,500.00
November 16 2017 -Nauset Estuary Dredging 2 (IE).....	87,500.00
November 16 2017 -Tri-Town Septage Facility (IE).....	446,000.00
November 16 2017 -Main Street Intersection (IE).....	310,000.00
November 16 2017 -Stormwater Facility (IE).....	187,500.00
February 7 2019 -Orleans Elementary School Heating & Venting (IE).....	200,000.00
February 7 2019 -Nauset Beach Retreat & Facilities Relocation (IE).....	435,000.00
February 7 2019 -Tritown Demolition (IE).....	280,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition I (IE).....	2,395,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition II (IE).....	132,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition III (IE).....	118,000.00
December 10 2020 -Main St. & Village Center Streetscape (IE).....	445,000.00
January 27 2022 -Nauset Beach Retreat Master Plan (IE).....	161,687.00
January 27 2022 -Rock Harbor & Town Cove Bulkhead (IE).....	271,947.00
January 27 2022 -Fire Station Feasibility (IE).....	39,577.00
January 27 2022 -Fire Department Pumper Truck (IE).....	667,421.00
January 27 2022 -Pleasant Bay (IE).....	49,438.00
January 27 2022 -Mill Pond Landing Restoration (IE).....	350,000.00
January 27 2022 -Replace OES Windows and Roofs (IE).....	200,000.00
January 27 2022 -Nauset Beach Retreat Phase 2 (IE).....	3,300,000.00
January 27 2022 -Rock Harbor Dredging (IE).....	181,060.00
January 27 2022 -Arey's Pond Land Acquisition (I).....	714,536.00
January 27 2022 -Affordable Housing (I).....	1,300,000.00
January 27 2022 -Water Treatment Plant Study (I).....	40,000.00
<b>TOTAL.....</b>	<b>36,101,666.00</b>





**Town of Orleans, Massachusetts**  
*Total Long-Term Debt Outstanding Projected as of June 30, 2022*  
*Outside the Debt Limit*

**Aggregate Debt Service**

DATE	PRINCIPAL	INTEREST	TOTAL P+I
06/30/2022	-	-	-
06/30/2023	1,134,334.00	412,317.80	1,546,651.80
06/30/2024	845,000.00	335,795.00	1,180,795.00
06/30/2025	780,000.00	296,695.00	1,076,695.00
06/30/2026	600,000.00	259,320.00	859,320.00
06/30/2027	580,000.00	233,120.00	813,120.00
06/30/2028	580,000.00	209,320.00	789,320.00
06/30/2029	575,000.00	185,795.00	760,795.00
06/30/2030	420,000.00	158,845.00	578,845.00
06/30/2031	425,000.00	139,920.00	564,920.00
06/30/2032	425,000.00	123,920.00	548,920.00
06/30/2033	435,000.00	108,870.00	543,870.00
06/30/2034	445,000.00	95,345.00	540,345.00
06/30/2035	440,000.00	83,970.00	523,970.00
06/30/2036	425,000.00	74,070.00	499,070.00
06/30/2037	425,000.00	64,132.50	489,132.50
06/30/2038	419,000.00	54,285.00	473,285.00
06/30/2039	385,000.00	45,137.50	430,137.50
06/30/2040	380,000.00	36,437.50	416,437.50
06/30/2041	390,000.00	27,800.00	417,800.00
06/30/2042	395,000.00	19,012.50	414,012.50
06/30/2043	80,000.00	12,575.00	92,575.00
06/30/2044	80,000.00	10,975.00	90,975.00
06/30/2045	75,000.00	9,375.00	84,375.00
06/30/2046	75,000.00	7,875.00	82,875.00
06/30/2047	75,000.00	6,375.00	81,375.00
06/30/2048	75,000.00	4,781.26	79,781.26
06/30/2049	75,000.00	3,187.50	78,187.50
06/30/2050	75,000.00	1,593.76	76,593.76
<b>Total</b>	<b>\$11,113,334.00</b>	<b>\$3,020,845.32</b>	<b>\$14,134,179.32</b>

**Par Amounts Of Selected Issues**

November 16 2005 MCWT T5-02-1000 (OE).....	20,000.00
February 15 2010 -Well (O).....	30,000.00
January 26 2012 -Ref of Water Treatment Facility (O).....	235,000.00
April 2 2015 -Ref of Landfill Area - Closing Out I (OE).....	555,000.00
April 2 2015 -Ref of Landfill Area - Closing Out II (OE).....	65,000.00
February 1 2016 -Water Tank #2 (O).....	70,000.00
February 1 2016 -Water Tank #1 Rehabilitation (O).....	140,000.00
February 9 2017 -Elementary School Windows & Doors (OE).....	555,000.00
February 9 2017 -Water Mains (O).....	515,000.00
February 9 2017 -Water - Wells 1-3 & 6-8 (O).....	460,000.00
November 16 2017 -Beach Road Water Main 1 (O).....	98,000.00
November 16 2017 -Beach Road Water Main 2 (O).....	761,000.00
February 7 2019 -Water Meter Replacement (O).....	1,155,000.00
December 10 2020 -Well #7 Water Treatment Plant (O).....	40,000.00
December 10 2020 -Well #7 Construction (O).....	2,210,000.00
January 27 2022 -Governor Prence Property (OE).....	2,450,000.00
January 27 2022 -Design and Replace Methane Gas (OE).....	188,580.00
January 27 2022 -Landfill Methane Gas (OE).....	365,000.00
January 27 2022 -Replace Rock Harbor Rd Water Main (O).....	70,400.00
January 27 2022 -Rock Harbor Water Main (O).....	826,354.00
January 27 2022 -Water Service Replacement (O).....	4,000.00
January 27 2022 -Canal Road Water Main Replacement (O).....	300,000.00
<b>TOTAL.....</b>	<b>11,113,334.00</b>

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**Town of Orleans, Massachusetts**  
*Long-Term General Debt Outstanding Projected as of June 30, 2022*

**Aggregate Debt Service**

DATE	PRINCIPAL	INTEREST	TOTAL P+I
06/30/2022	-	-	-
06/30/2023	3,409,710.00	1,424,332.93	4,834,042.93
06/30/2024	3,465,000.00	1,209,805.00	4,674,805.00
06/30/2025	3,045,000.00	1,044,005.00	4,089,005.00
06/30/2026	2,715,000.00	899,605.00	3,614,605.00
06/30/2027	2,230,000.00	775,930.00	3,005,930.00
06/30/2028	1,965,000.00	677,880.00	2,642,880.00
06/30/2029	1,860,000.00	594,380.00	2,454,380.00
06/30/2030	1,880,000.00	514,255.00	2,394,255.00
06/30/2031	1,910,000.00	438,580.00	2,348,580.00
06/30/2032	1,815,000.00	375,230.00	2,190,230.00
06/30/2033	1,840,000.00	316,230.00	2,156,230.00
06/30/2034	1,830,000.00	260,730.00	2,090,730.00
06/30/2035	1,835,000.00	209,705.00	2,044,705.00
06/30/2036	1,785,000.00	161,055.00	1,946,055.00
06/30/2037	1,795,000.00	112,817.50	1,907,817.50
06/30/2038	1,516,000.00	67,340.00	1,583,340.00
06/30/2039	450,000.00	40,512.50	490,512.50
06/30/2040	450,000.00	29,637.50	479,637.50
06/30/2041	455,000.00	18,600.00	473,600.00
06/30/2042	375,000.00	7,462.50	382,462.50
<b>Total</b>	<b>\$36,625,710.00</b>	<b>\$9,178,092.93</b>	<b>\$45,803,802.93</b>

**Par Amounts Of Selected Issues**

April 2 2015 -Ref of Landfill Area - Closing Out I (OE).....	555,000.00
April 2 2015 -Ref of Landfill Area - Closing Out II (OE).....	65,000.00
April 2 2015 -Ref of Town Hall Building Remodeling (IE).....	1,370,000.00
February 1 2016 -Public Wharf (IE).....	25,000.00
February 1 2016 -Piers & Boat Ramps (IE).....	20,000.00
February 1 2016 -Rock Harbor Dredging (IE).....	210,000.00
February 9 2017 -Nauset Beach Parking Lot (IE).....	105,000.00
February 9 2017 -Police Station (IE).....	565,000.00
February 9 2017 -Police Station Construction (IE).....	1,900,000.00
February 9 2017 -Nauset Beach Parking Lot II (IE).....	30,000.00
February 9 2017 -Nauset Estuary Dredging (IE).....	20,000.00
February 9 2017 -Rock Harbor Bulkhead (IE).....	435,000.00
February 9 2017 -Nauset Estuary Study (I).....	20,000.00
November 16 2017 -Police Station Construction (IE).....	6,720,000.00
November 16 2017 -DPW Facility (IE).....	358,000.00
November 16 2017 -DPW Central Garage (IE).....	10,003,000.00
November 16 2017 -Rock Harbor Bulkhead (IE).....	1,171,500.00
November 16 2017 -Nauset Beach Parking Lot (IE).....	149,000.00
November 16 2017 -Nauset Estuary Dredging 1 (IE).....	43,500.00
November 16 2017 -Nauset Estuary Dredging 2 (IE).....	87,500.00
November 16 2017 -Tri-Town Septage Facility (IE).....	446,000.00
November 16 2017 -Main Street Intersection (IE).....	310,000.00
November 16 2017 -Stormwater Facility (IE).....	187,500.00
February 7 2019 -Nauset Beach Retreat & Facilities Relocation (IE).....	435,000.00
February 7 2019 -Tritown Demolition (IE).....	280,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition I (IE).....	2,395,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition II (IE).....	132,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition III (IE).....	118,000.00
December 10 2020 -Main St. & Village Center Streetscape (IE).....	445,000.00
January 27 2022 -Governor Prence Property (OE).....	2,450,000.00
January 27 2022 -Nauset Beach Retreat Master Plan (IE).....	161,687.00
January 27 2022 -Design and Replace Methane Gas (OE).....	188,580.00
January 27 2022 -Rock Harbor & Town Cove Bulkhead (IE).....	271,947.00
January 27 2022 -Fire Station Feasibility (IE).....	39,577.00
January 27 2022 -Fire Department Pumper Truck (IE).....	667,421.00
January 27 2022 -Landfill Methane Gas (OE).....	365,000.00
January 27 2022 -Pleasant Bay (IE).....	49,438.00
January 27 2022 -Mill Pond Landing Restoration (IE).....	350,000.00
January 27 2022 -Nauset Beach Retreat Phase 2 (IE).....	3,300,000.00
January 27 2022 -Rock Harbor Dredging (IE).....	181,060.00
<b>TOTAL.....</b>	<b>36,625,710.00</b>

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**Town of Orleans, Massachusetts**  
*Long-Term School Debt Outstanding Projected as of June 30, 2022*

**Aggregate Debt Service**

DATE	PRINCIPAL	INTEREST	TOTAL P+I
06/30/2022	-	-	-
06/30/2023	145,000.00	36,069.17	181,069.17
06/30/2024	125,000.00	27,800.00	152,800.00
06/30/2025	25,000.00	21,950.00	46,950.00
06/30/2026	35,000.00	20,975.00	55,975.00
06/30/2027	35,000.00	19,725.00	54,725.00
06/30/2028	35,000.00	18,575.00	53,575.00
06/30/2029	35,000.00	17,425.00	52,425.00
06/30/2030	35,000.00	16,175.00	51,175.00
06/30/2031	35,000.00	14,925.00	49,925.00
06/30/2032	35,000.00	13,725.00	48,725.00
06/30/2033	40,000.00	12,575.00	52,575.00
06/30/2034	40,000.00	11,325.00	51,325.00
06/30/2035	40,000.00	10,175.00	50,175.00
06/30/2036	40,000.00	9,075.00	49,075.00
06/30/2037	40,000.00	7,900.00	47,900.00
06/30/2038	40,000.00	6,725.00	46,725.00
06/30/2039	45,000.00	5,550.00	50,550.00
06/30/2040	50,000.00	4,162.50	54,162.50
06/30/2041	50,000.00	2,725.00	52,725.00
06/30/2042	50,000.00	1,287.50	51,287.50
Total	\$975,000.00	\$278,844.17	\$1,253,844.17

**Par Amounts Of Selected Issues**

February 1 2016 -Elementary School Playground (IE).....	20,000.00
February 9 2017 -Elementary School Windows & Doors (OE).....	555,000.00
February 7 2019 -Orleans Elementary School Heating & Venting (IE).....	200,000.00
January 27 2022 -Replace OES Windows and Roofs (IE).....	200,000.00
<b>TOTAL</b> .....	<b>975,000.00</b>

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**Town of Orleans, Massachusetts**  
*Long-Term Water Debt Outstanding Projected as of June 30, 2022*

**Aggregate Debt Service**

DATE	PRINCIPAL	INTEREST	TOTAL P+I
06/30/2022	-	-	-
06/30/2023	830,754.00	247,250.35	1,078,004.35
06/30/2024	520,000.00	207,270.00	727,270.00
06/30/2025	450,000.00	183,895.00	633,895.00
06/30/2026	435,000.00	162,745.00	597,745.00
06/30/2027	430,000.00	143,870.00	573,870.00
06/30/2028	420,000.00	125,970.00	545,970.00
06/30/2029	415,000.00	108,595.00	523,595.00
06/30/2030	250,000.00	89,395.00	339,395.00
06/30/2031	245,000.00	78,720.00	323,720.00
06/30/2032	240,000.00	70,545.00	310,545.00
06/30/2033	240,000.00	62,745.00	302,745.00
06/30/2034	240,000.00	56,045.00	296,045.00
06/30/2035	235,000.00	49,945.00	284,945.00
06/30/2036	235,000.00	44,295.00	279,295.00
06/30/2037	230,000.00	38,582.50	268,582.50
06/30/2038	224,000.00	33,010.00	257,010.00
06/30/2039	180,000.00	28,187.50	208,187.50
06/30/2040	175,000.00	24,025.00	199,025.00
06/30/2041	175,000.00	20,025.00	195,025.00
06/30/2042	175,000.00	16,025.00	191,025.00
06/30/2043	80,000.00	12,575.00	92,575.00
06/30/2044	80,000.00	10,975.00	90,975.00
06/30/2045	75,000.00	9,375.00	84,375.00
06/30/2046	75,000.00	7,875.00	82,875.00
06/30/2047	75,000.00	6,375.00	81,375.00
06/30/2048	75,000.00	4,781.26	79,781.26
06/30/2049	75,000.00	3,187.50	78,187.50
06/30/2050	75,000.00	1,593.76	76,593.76
<b>Total</b>	<b>\$6,954,754.00</b>	<b>\$1,847,877.87</b>	<b>\$8,802,631.87</b>

**Par Amounts Of Selected Issues**

February 15 2010 -Well (O).....	30,000.00
January 26 2012 -Ref of Water Treatment Facility (O).....	235,000.00
February 1 2016 -Water Tank #2 (O).....	70,000.00
February 1 2016 -Water Tank #1 Rehabilitation (O).....	140,000.00
February 9 2017 -Water Mains (O).....	515,000.00
February 9 2017 -Water - Wells 1-3 & 6-8 (O).....	460,000.00
November 16 2017 -Beach Road Water Main 1 (O).....	98,000.00
November 16 2017 -Beach Road Water Main 2 (O).....	761,000.00
February 7 2019 -Water Meter Replacement (O).....	1,155,000.00
December 10 2020 -Well #7 Water Treatment Plant (O).....	40,000.00
December 10 2020 -Well #7 Construction (O).....	2,210,000.00
January 27 2022 -Replace Rock Harbor Rd Water Main (O).....	70,400.00
January 27 2022 -Rock Harbor Water Main (O).....	826,354.00
January 27 2022 -Water Service Replacement (O).....	4,000.00
January 27 2022 -Canal Road Water Main Replacement (O).....	300,000.00
January 27 2022 -Water Treatment Plant Study (I).....	40,000.00
<b>TOTAL.....</b>	<b>6,954,754.00</b>

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**Town of Orleans, Massachusetts**  
*Long-Term MCWT Debt Outstanding Projected as of June 30, 2022*

**Aggregate Debt Service**

DATE	PRINCIPAL	TOTAL P+I
06/30/2022	-	-
06/30/2023	5,000.00	5,000.00
06/30/2024	5,000.00	5,000.00
06/30/2025	5,000.00	5,000.00
06/30/2026	5,000.00	5,000.00
Total	\$20,000.00	\$20,000.00

**Par Amounts Of Selected Issues**

November 16 2005 MCWT T5-02-1000 (OE).....	20,000.00
<b>TOTAL.....</b>	<b>20,000.00</b>

**SCHEDULE C**

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement and Drinking Water Revenue Bonds  
 (Pool Program Bonds)  
 Pool Program Bonds, Pool 11  
 Orleans  
 T5-02-1000  
 Final Structuring Analysis

Loan Interest Rate	0.00%
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**Schedule of Loan Repayments**

Initial Loan Obligation:	\$100,000.00
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Date	Schedule of Loan Repayments			Admin. Fee 0.07500%	Loan Origination Fee	Total Due
	Principal	Interest	Total			
16-Nov-05						
15-Jul-06	\$5,000.00	\$0.00	\$5,000.00	\$75.00	0.00	\$5,075.00
15-Jan-07	0.00	0.00	0.00	71.25		71.25
15-Jul-07	5,000.00	0.00	5,000.00	71.25		5,071.25
15-Jan-08	0.00	0.00	0.00	67.50		67.50
15-Jul-08	5,000.00	0.00	5,000.00	67.50		5,067.50
15-Jan-09	0.00	0.00	0.00	63.75		63.75
15-Jul-09	5,000.00	0.00	5,000.00	63.75		5,063.75
15-Jan-10	0.00	0.00	0.00	60.00		60.00
15-Jul-10	5,000.00	0.00	5,000.00	60.00		5,060.00
15-Jan-11	0.00	0.00	0.00	56.25		56.25
15-Jul-11	5,000.00	0.00	5,000.00	56.25		5,056.25
15-Jan-12	0.00	0.00	0.00	52.50		52.50
15-Jul-12	5,000.00	0.00	5,000.00	52.50		5,052.50
15-Jan-13	0.00	0.00	0.00	48.75		48.75
15-Jul-13	5,000.00	0.00	5,000.00	48.75		5,048.75
15-Jan-14	0.00	0.00	0.00	45.00		45.00
15-Jul-14	5,000.00	0.00	5,000.00	45.00		5,045.00
15-Jan-15	0.00	0.00	0.00	41.25		41.25
15-Jul-15	5,000.00	0.00	5,000.00	41.25		5,041.25
15-Jan-16	0.00	0.00	0.00	37.50		37.50
15-Jul-16	5,000.00	0.00	5,000.00	37.50		5,037.50
15-Jan-17	0.00	0.00	0.00	33.75		33.75
15-Jul-17	5,000.00	0.00	5,000.00	33.75		5,033.75
15-Jan-18	0.00	0.00	0.00	30.00		30.00
15-Jul-18	5,000.00	0.00	5,000.00	30.00		5,030.00
15-Jan-19	0.00	0.00	0.00	26.25		26.25
15-Jul-19	5,000.00	0.00	5,000.00	26.25		5,026.25
15-Jan-20	0.00	0.00	0.00	22.50		22.50
15-Jul-20	5,000.00	0.00	5,000.00	22.50		5,022.50
15-Jan-21	0.00	0.00	0.00	18.75		18.75
15-Jul-21	5,000.00	0.00	5,000.00	18.75		5,018.75
15-Jan-22	0.00	0.00	0.00	15.00		15.00
15-Jul-22	5,000.00	0.00	5,000.00	15.00		5,015.00
15-Jan-23	0.00	0.00	0.00	11.25		11.25
15-Jul-23	5,000.00	0.00	5,000.00	11.25		5,011.25
15-Jan-24	0.00	0.00	0.00	7.50		7.50
15-Jul-24	5,000.00	0.00	5,000.00	7.50		5,007.50
15-Jan-25	0.00	0.00	0.00	3.75		3.75
15-Jul-25	5,000.00	0.00	5,000.00	3.75		5,003.75
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
	\$100,000.00	\$0.00	\$100,000.00	\$1,500.00	\$0.00	\$101,500.00

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**Town of Orleans, Massachusetts**  
*Long-Term CPA Debt Outstanding Projected as of June 30, 2022*

**Aggregate Debt Service**

DATE	PRINCIPAL	INTEREST	TOTAL P+I
06/30/2022	-	-	-
06/30/2023	309,536.00	106,857.54	416,393.54
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
<b>Total</b>	<b>\$2,639,536.00</b>	<b>\$623,907.54</b>	<b>\$3,263,443.54</b>

**Par Amounts Of Selected Issues**

January 26 2012 -Land Acquisition - CPA IV (I).....	210,000.00
April 2 2015 -Ref of Land Acquisition - CPA (I).....	415,000.00
January 27 2022 -Arey's Pond Land Acquisition (I).....	714,536.00
January 27 2022 -Affordable Housing (I).....	1,300,000.00
<b>TOTAL.....</b>	<b>2,639,536.00</b>

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**Town of Orleans, Massachusetts**  
*Long-Term Exempt Debt Outstanding Projected as of June 30, 2022*

**Aggregate Debt Service**

DATE	PRINCIPAL	INTEREST	TOTAL P+I
06/30/2022	-	-	-
06/30/2023	3,554,710.00	1,459,752.10	5,014,462.10
06/30/2024	3,590,000.00	1,237,155.00	4,827,155.00
06/30/2025	3,070,000.00	1,065,655.00	4,135,655.00
06/30/2026	2,750,000.00	920,430.00	3,670,430.00
06/30/2027	2,265,000.00	795,655.00	3,060,655.00
06/30/2028	2,000,000.00	696,455.00	2,696,455.00
06/30/2029	1,895,000.00	611,805.00	2,506,805.00
06/30/2030	1,915,000.00	530,430.00	2,445,430.00
06/30/2031	1,945,000.00	453,505.00	2,398,505.00
06/30/2032	1,850,000.00	388,955.00	2,238,955.00
06/30/2033	1,880,000.00	328,805.00	2,208,805.00
06/30/2034	1,870,000.00	272,055.00	2,142,055.00
06/30/2035	1,875,000.00	219,880.00	2,094,880.00
06/30/2036	1,825,000.00	170,130.00	1,995,130.00
06/30/2037	1,835,000.00	120,717.50	1,955,717.50
06/30/2038	1,556,000.00	74,065.00	1,630,065.00
06/30/2039	495,000.00	46,062.50	541,062.50
06/30/2040	500,000.00	33,800.00	533,800.00
06/30/2041	505,000.00	21,325.00	526,325.00
06/30/2042	425,000.00	8,750.00	433,750.00
<b>Total</b>	<b>\$37,600,710.00</b>	<b>\$9,455,387.10</b>	<b>\$47,056,097.10</b>

**Par Amounts Of Selected Issues**

November 16 2005 MCWT T5-02-1000 (OE).....	20,000.00
April 2 2015 -Ref of Landfill Area - Closing Out I (OE).....	555,000.00
April 2 2015 -Ref of Landfill Area - Closing Out II (OE).....	65,000.00
April 2 2015 -Ref of Town Hall Building Remodeling (IE).....	1,370,000.00
February 1 2016 -Public Wharf (IE).....	25,000.00
February 1 2016 -Piers & Boat Ramps (IE).....	20,000.00
February 1 2016 -Rock Harbor Dredging (IE).....	210,000.00
February 1 2016 -Elementary School Playground (IE).....	20,000.00
February 9 2017 -Elementary School Windows & Doors (OE).....	555,000.00
February 9 2017 -Nauset Beach Parking Lot (IE).....	105,000.00
February 9 2017 -Police Station (IE).....	565,000.00
February 9 2017 -Police Station Construction (IE).....	1,900,000.00
February 9 2017 -Nauset Beach Parking Lot II (IE).....	30,000.00
February 9 2017 -Nauset Estuary Dredging (IE).....	20,000.00
February 9 2017 -Rock Harbor Bulkhead (IE).....	435,000.00
November 16 2017 -Police Station Construction (IE).....	6,720,000.00
November 16 2017 -DPW Facility (IE).....	358,000.00
November 16 2017 -DPW Central Garage (IE).....	10,003,000.00
November 16 2017 -Rock Harbor Bulkhead (IE).....	1,171,500.00
November 16 2017 -Nauset Beach Parking Lot (IE).....	149,000.00
November 16 2017 -Nauset Estuary Dredging 1 (IE).....	43,500.00
November 16 2017 -Nauset Estuary Dredging 2 (IE).....	87,500.00
November 16 2017 -Tri-Town Septage Facility (IE).....	446,000.00
November 16 2017 -Main Street Intersection (IE).....	310,000.00
November 16 2017 -Stormwater Facility (IE).....	187,500.00
February 7 2019 -Orleans Elementary School Heating & Venting (IE).....	200,000.00
February 7 2019 -Nauset Beach Retreat & Facilities Relocation (IE).....	435,000.00
February 7 2019 -Tritown Demolition (IE).....	280,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition I (IE).....	2,395,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition II (IE).....	132,000.00
December 10 2020 -Cur Ref of 2 15 11 Land Acquisition III (IE).....	118,000.00
December 10 2020 -Main St. & Village Center Streetscape (IE).....	445,000.00
January 27 2022 -Governor Prence Property (OE).....	2,450,000.00
January 27 2022 -Nauset Beach Retreat Master Plan (IE).....	161,687.00
January 27 2022 -Design and Replace Methane Gas (OE).....	188,580.00
January 27 2022 -Rock Harbor & Town Cove Bulkhead (IE).....	271,947.00
January 27 2022 -Fire Station Feasibility (IE).....	39,577.00
January 27 2022 -Fire Department Pumper Truck (IE).....	667,421.00
January 27 2022 -Landfill Methane Gas (OE).....	365,000.00
January 27 2022 -Pleasant Bay (IE).....	49,438.00
January 27 2022 -Mill Pond Landing Restoration (IE).....	350,000.00
January 27 2022 -Replace OES Windows and Roofs (IE).....	200,000.00
January 27 2022 -Nauset Beach Retreat Phase 2 (IE).....	3,300,000.00
January 27 2022 -Rock Harbor Dredging (IE).....	181,060.00
<b>TOTAL.....</b>	<b>37,600,710.00</b>



**Town of Orleans, Massachusetts**  
*Long-Term Non-Exempt Debt Outstanding Projected as of June 30, 2022*

**Aggregate Debt Service**

DATE	PRINCIPAL	INTEREST	TOTAL P+I
06/30/2022	-	-	-
06/30/2023	1,145,290.00	354,757.89	1,500,047.89
06/30/2024	840,000.00	286,195.00	1,126,195.00
06/30/2025	665,000.00	251,120.00	916,120.00
06/30/2026	650,000.00	219,320.00	869,320.00
06/30/2027	535,000.00	191,895.00	726,895.00
06/30/2028	525,000.00	169,795.00	694,795.00
06/30/2029	520,000.00	148,220.00	668,220.00
06/30/2030	355,000.00	123,770.00	478,770.00
06/30/2031	350,000.00	107,845.00	457,845.00
06/30/2032	345,000.00	94,945.00	439,945.00
06/30/2033	340,000.00	83,045.00	423,045.00
06/30/2034	340,000.00	72,845.00	412,845.00
06/30/2035	335,000.00	64,245.00	399,245.00
06/30/2036	335,000.00	56,595.00	391,595.00
06/30/2037	330,000.00	48,882.50	378,882.50
06/30/2038	324,000.00	41,310.00	365,310.00
06/30/2039	280,000.00	34,487.50	314,487.50
06/30/2040	275,000.00	28,325.00	303,325.00
06/30/2041	275,000.00	22,325.00	297,325.00
06/30/2042	240,000.00	16,675.00	256,675.00
06/30/2043	80,000.00	12,575.00	92,575.00
06/30/2044	80,000.00	10,975.00	90,975.00
06/30/2045	75,000.00	9,375.00	84,375.00
06/30/2046	75,000.00	7,875.00	82,875.00
06/30/2047	75,000.00	6,375.00	81,375.00
06/30/2048	75,000.00	4,781.26	79,781.26
06/30/2049	75,000.00	3,187.50	78,187.50
06/30/2050	75,000.00	1,593.76	76,593.76
<b>Total</b>	<b>\$9,614,290.00</b>	<b>\$2,473,335.41</b>	<b>\$12,087,625.41</b>

**Par Amounts Of Selected Issues**

February 15 2010 -Well (O).....	30,000.00
January 26 2012 -Ref of Water Treatment Facility (O).....	235,000.00
January 26 2012 -Land Acquisition - CPA IV (I).....	210,000.00
April 2 2015 -Ref of Land Acquisition - CPA (I).....	415,000.00
February 1 2016 -Water Tank #2 (O).....	70,000.00
February 1 2016 -Water Tank #1 Rehabilitation (O).....	140,000.00
February 9 2017 -Nauset Estuary Study (I).....	20,000.00
February 9 2017 -Water Mains (O).....	515,000.00
February 9 2017 -Water - Wells 1-3 & 6-8 (O).....	460,000.00
November 16 2017 -Beach Road Water Main 1 (O).....	98,000.00
November 16 2017 -Beach Road Water Main 2 (O).....	761,000.00
February 7 2019 -Water Meter Replacement (O).....	1,155,000.00
December 10 2020 -Well #7 Water Treatment Plant (O).....	40,000.00
December 10 2020 -Well #7 Construction (O).....	2,210,000.00
January 27 2022 -Arey's Pond Land Acquisition (I).....	714,536.00
January 27 2022 -Affordable Housing (O).....	1,300,000.00
January 27 2022 -Replace Rock Harbor Rd Water Main (O).....	70,400.00
January 27 2022 -Rock Harbor Water Main (O).....	826,354.00
January 27 2022 -Water Service Replacement (O).....	4,000.00
January 27 2022 -Canal Road Water Main Replacement (O).....	300,000.00
January 27 2022 -Water Treatment Plant Study (I).....	40,000.00
<b>TOTAL.....</b>	<b>9,614,290.00</b>



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**Town of Orleans, Massachusetts**  
*Fiscal Year 2023 Projected Principal and Interest Payments*

**Aggregate Debt Service**

				Part 1 of 2
DATE	Issue : Purpose	PRINCIPAL	INTEREST	TOTAL P+I
07/15/2022	November 16 2005 MCWT T5-02-1000 (OE)	5,000.00	-	5,000.00
	<b>Subtotal</b>	<b>\$5,000.00</b>	<b>-</b>	<b>\$5,000.00</b>
08/01/2022	February 1 2016 : Public Wharf (IE)	-	500.00	500.00
	February 1 2016 : Piers & Boat Ramps (IE)	-	400.00	400.00
	February 1 2016 : Rock Harbor Dredging (IE)	-	3,500.00	3,500.00
	February 1 2016 : Elementary School Playground (IE)	-	400.00	400.00
	February 1 2016 : Water Tank #2 (O)	-	1,400.00	1,400.00
	February 1 2016 : Water Tank #1 Rehabilitation (O)	-	2,450.00	2,450.00
	February 9 2017 : Elementary School Windows & Doors (OE)	-	8,712.50	8,712.50
	February 9 2017 : Nauset Beach Parking Lot (IE)	-	1,650.00	1,650.00
	February 9 2017 : Police Station (IE)	-	8,875.00	8,875.00
	February 9 2017 : Police Station Construction (IE)	-	29,850.00	29,850.00
	February 9 2017 : Nauset Beach Parking Lot II (IE)	-	500.00	500.00
	February 9 2017 : Nauset Estuary Dredging (IE)	-	325.00	325.00
	February 9 2017 : Rock Harbor Bulkhead (IE)	-	7,075.00	7,075.00
	February 9 2017 : Nauset Estuary Study (I)	-	325.00	325.00
	February 9 2017 : Water Mains (O)	-	8,075.00	8,075.00
	February 9 2017 : Water - Wells 1-3 & 6-8 (O)	-	7,200.00	7,200.00
	February 7 2019 : Orleans Elementary School Heating & Venting (IE)	-	5,000.00	5,000.00
	February 7 2019 : Nauset Beach Retreat & Facilities Relocation (IE)	-	10,875.00	10,875.00
	February 7 2019 : Tritown Demolition (IE)	-	7,000.00	7,000.00
	February 7 2019 : Water Meter Replacement (O)	-	26,400.00	26,400.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition I (IE)	-	41,285.00	41,285.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition II (IE)	-	3,170.00	3,170.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition III (IE)	-	2,820.00	2,820.00
	December 10 2020 : Main St. & Village Center Streetscape (IE)	-	8,525.00	8,525.00
	December 10 2020 : Well #7 Water Treatment Plant (O)	-	1,000.00	1,000.00
	December 10 2020 : Well #7 Construction (O)	-	32,687.50	32,687.50
	<b>Subtotal</b>	<b>-</b>	<b>\$220,000.00</b>	<b>\$220,000.00</b>
08/15/2022	February 15 2010 : Well (O)	-	550.00	550.00
	<b>Subtotal</b>	<b>-</b>	<b>\$550.00</b>	<b>\$550.00</b>
09/15/2022	January 26 2012 : Ref of Water Treatment Facility (O)	235,000.00	3,525.00	238,525.00
	January 26 2012 : Land Acquisition - CPA IV (I)	105,000.00	2,625.00	107,625.00
	November 16 2017 : Police Station Construction (IE)	420,000.00	124,425.00	544,425.00
	November 16 2017 : DPW Facility (IE)	25,000.00	6,776.25	31,776.25
	November 16 2017 : DPW Central Garage (IE)	630,000.00	185,182.50	815,182.50
	November 16 2017 : Rock Harbor Bulkhead (IE)	235,000.00	26,056.25	261,056.25
	November 16 2017 : Nauset Beach Parking Lot (IE)	25,000.00	3,381.25	28,381.25
	November 16 2017 : Nauset Estuary Dredging 1 (IE)	10,000.00	950.00	10,950.00
	November 16 2017 : Nauset Estuary Dredging 2 (IE)	15,000.00	1,981.25	16,981.25
	November 16 2017 : Tri-Town Septage Facility (IE)	75,000.00	10,118.75	85,118.75
	November 16 2017 : Main Street Intersection (IE)	30,000.00	6,312.50	36,312.50
	November 16 2017 : Stormwater Facility (IE)	15,000.00	3,581.25	18,581.25
	November 16 2017 : Beach Road Water Main 1 (O)	10,000.00	1,882.50	11,882.50
	November 16 2017 : Beach Road Water Main 2 (O)	50,000.00	14,227.50	64,227.50
	<b>Subtotal</b>	<b>\$1,880,000.00</b>	<b>\$391,025.00</b>	<b>\$2,271,025.00</b>
10/15/2022	April 2 2015 : Ref of Landfill Area - Closing Out I (OE)	-	13,875.00	13,875.00
	April 2 2015 : Ref of Land Acquisition - CPA (I)	-	9,325.00	9,325.00
	April 2 2015 : Ref of Landfill Area - Closing Out II (OE)	-	1,475.00	1,475.00
	April 2 2015 : Ref of Town Hall Building Remodeling (IE)	-	30,900.00	30,900.00
	January 27 2022 : Govenor Prence Property (OE)	65,000.00	57,154.17	122,154.17
	January 27 2022 : Nauset Beach Retreat Master Plan (IE)	76,687.00	5,793.78	82,480.78
	January 27 2022 : Design and Replace Methane Gas (OE)	8,580.00	5,610.78	14,190.78
	January 27 2022 : Rock Harbor & Town Cove Bulkhead (IE)	86,947.00	9,744.77	96,691.77
	January 27 2022 : Fire Station Feasibility (IE)	9,577.00	1,418.18	10,995.18
	January 27 2022 : Fire Department Pumper Truck (IE)	52,421.00	22,769.25	75,190.25
	January 27 2022 : Landfill Methane Gas (OE)	10,000.00	8,635.83	18,635.83
	January 27 2022 : Pleasant Bay (IE)	9,438.00	1,771.53	11,209.53
	January 27 2022 : Mill Pond Landing Restoration (IE)	10,000.00	8,205.83	18,205.83
	January 27 2022 : Replace OES Windows and Roofs (IE)	5,000.00	4,694.17	9,694.17
	January 27 2022 : Nauset Beach Retreat Phase 2 (IE)	135,000.00	90,335.83	225,335.83
	January 27 2022 : Rock Harbor Dredging (IE)	31,060.00	6,487.98	37,547.98
	January 27 2022 : Arey's Pond Land Acquisition (I)	39,536.00	18,724.21	58,260.21
	January 27 2022 : Affordable Housing (O)	65,000.00	32,608.33	97,608.33
	January 27 2022 : Replace Rock Harbor Rd Water Main (O)	5,400.00	2,092.67	7,492.67
	January 27 2022 : Rock Harbor Water Main (O)	46,354.00	21,011.02	67,365.02
	January 27 2022 : Water Service Replacement (O)	4,000.00	143.33	4,143.33
	January 27 2022 : Canal Road Water Main Replacement (O)	15,000.00	7,525.00	22,525.00
	January 27 2022 : Water Treatment Plant Study (I)	10,000.00	1,433.33	11,433.33
	<b>Subtotal</b>	<b>\$685,000.00</b>	<b>\$361,734.99</b>	<b>\$1,046,734.99</b>

**Town of Orleans, Massachusetts**  
*Fiscal Year 2023 Projected Principal and Interest Payments*

**Aggregate Debt Service**

				Part 2 of 2
DATE	Issue : Purpose	PRINCIPAL	INTEREST	TOTAL P+I
02/01/2023	February 1 2016 : Public Wharf (IE)	25,000.00	500.00	25,500.00
	February 1 2016 : Piers & Boat Ramps (IE)	20,000.00	400.00	20,400.00
	February 1 2016 : Rock Harbor Dredging (IE)	70,000.00	3,500.00	73,500.00
	February 1 2016 : Elementary School Playground (IE)	20,000.00	400.00	20,400.00
	February 1 2016 : Water Tank #2 (O)	70,000.00	1,400.00	71,400.00
	February 1 2016 : Water Tank #1 Rehabilitation (O)	70,000.00	2,450.00	72,450.00
	February 9 2017 : Elementary School Windows & Doors (OE)	20,000.00	8,712.50	28,712.50
	February 9 2017 : Nauset Beach Parking Lot (IE)	15,000.00	1,650.00	16,650.00
	February 9 2017 : Police Station (IE)	20,000.00	8,875.00	28,875.00
	February 9 2017 : Police Station Construction (IE)	70,000.00	29,850.00	99,850.00
	February 9 2017 : Nauset Beach Parking Lot II (IE)	10,000.00	500.00	10,500.00
	February 9 2017 : Nauset Estuary Dredging (IE)	5,000.00	325.00	5,325.00
	February 9 2017 : Rock Harbor Bulkhead (IE)	110,000.00	7,075.00	117,075.00
	February 9 2017 : Nauset Estuary Study (I)	5,000.00	325.00	5,325.00
	February 9 2017 : Water Mains (O)	30,000.00	8,075.00	38,075.00
	February 9 2017 : Water - Wells 1-3 & 6-8 (O)	25,000.00	7,200.00	32,200.00
	February 7 2019 : Orleans Elementary School Heating & Venting (IE)	100,000.00	5,000.00	105,000.00
	February 7 2019 : Nauset Beach Retreat & Facilities Relocation (IE)	210,000.00	10,875.00	220,875.00
	February 7 2019 : Tritown Demolition (IE)	135,000.00	7,000.00	142,000.00
	February 7 2019 : Water Meter Replacement (O)	165,000.00	26,400.00	191,400.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition I (IE)	131,000.00	41,285.00	172,285.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition II (IE)	17,000.00	3,170.00	20,170.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition III (IE)	17,000.00	2,820.00	19,820.00
December 10 2020 : Main St. & Village Center Streetscape (IE)	25,000.00	8,525.00	33,525.00	
December 10 2020 : Well #7 Water Treatment Plant (O)	5,000.00	1,000.00	6,000.00	
December 10 2020 : Well #7 Construction (O)	80,000.00	32,687.50	112,687.50	
<b>Subtotal</b>		<b>\$1,470,000.00</b>	<b>\$220,000.00</b>	<b>\$1,690,000.00</b>
02/15/2023	February 15 2010 : Well (O)	10,000.00	550.00	10,550.00
<b>Subtotal</b>		<b>\$10,000.00</b>	<b>\$550.00</b>	<b>\$10,550.00</b>
03/15/2023	January 26 2012 : Land Acquisition - CPA IV (I)	-	1,050.00	1,050.00
	November 16 2017 : Police Station Construction (IE)	-	119,700.00	119,700.00
	November 16 2017 : DPW Facility (IE)	-	6,495.00	6,495.00
	November 16 2017 : DPW Central Garage (IE)	-	178,095.00	178,095.00
	November 16 2017 : Rock Harbor Bulkhead (IE)	-	23,412.50	23,412.50
	November 16 2017 : Nauset Beach Parking Lot (IE)	-	3,100.00	3,100.00
	November 16 2017 : Nauset Estuary Dredging 1 (IE)	-	837.50	837.50
	November 16 2017 : Nauset Estuary Dredging 2 (IE)	-	1,812.50	1,812.50
	November 16 2017 : Tri-Town Septage Facility (IE)	-	9,275.00	9,275.00
	November 16 2017 : Main Street Intersection (IE)	-	5,975.00	5,975.00
	November 16 2017 : Stormwater Facility (IE)	-	3,412.50	3,412.50
	November 16 2017 : Beach Road Water Main 1 (O)	-	1,770.00	1,770.00
	November 16 2017 : Beach Road Water Main 2 (O)	-	13,665.00	13,665.00
<b>Subtotal</b>		<b>-</b>	<b>\$368,600.00</b>	<b>\$368,600.00</b>
04/15/2023	April 2 2015 : Ref of Landfill Area - Closing Out I (OE)	185,000.00	13,875.00	198,875.00
	April 2 2015 : Ref of Land Acquisition - CPA (I)	100,000.00	9,325.00	109,325.00
	April 2 2015 : Ref of Landfill Area - Closing Out II (OE)	20,000.00	1,475.00	21,475.00
	April 2 2015 : Ref of Town Hall Building Remodeling (IE)	345,000.00	30,900.00	375,900.00
	January 27 2022 : Governor Prence Property (OE)	-	38,250.00	38,250.00
	January 27 2022 : Nauset Beach Retreat Master Plan (IE)	-	2,125.00	2,125.00
	January 27 2022 : Design and Replace Methane Gas (OE)	-	3,700.00	3,700.00
	January 27 2022 : Rock Harbor & Town Cove Bulkhead (IE)	-	4,625.00	4,625.00
	January 27 2022 : Fire Station Feasibility (IE)	-	750.00	750.00
	January 27 2022 : Fire Department Pumper Truck (IE)	-	14,575.00	14,575.00
	January 27 2022 : Landfill Methane Gas (OE)	-	5,775.00	5,775.00
	January 27 2022 : Pleasant Bay (IE)	-	1,000.00	1,000.00
	January 27 2022 : Mill Pond Landing Restoration (IE)	-	5,475.00	5,475.00
	January 27 2022 : Replace OES Windows and Roofs (IE)	-	3,150.00	3,150.00
	January 27 2022 : Nauset Beach Retreat Phase 2 (IE)	-	59,650.00	59,650.00
	January 27 2022 : Rock Harbor Dredging (IE)	-	3,750.00	3,750.00
	January 27 2022 : Arey's Pond Land Acquisition (I)	-	12,075.00	12,075.00
January 27 2022 : Affordable Housing (O)	-	21,125.00	21,125.00	
January 27 2022 : Replace Rock Harbor Rd Water Main (O)	-	1,325.00	1,325.00	
January 27 2022 : Rock Harbor Water Main (O)	-	13,500.00	13,500.00	
January 27 2022 : Canal Road Water Main Replacement (O)	-	4,875.00	4,875.00	
January 27 2022 : Water Treatment Plant Study (I)	-	750.00	750.00	
<b>Subtotal</b>		<b>\$650,000.00</b>	<b>\$252,050.00</b>	<b>\$902,050.00</b>
<b>Total</b>		<b>\$4,700,000.00</b>	<b>\$1,814,509.99</b>	<b>\$6,514,509.99</b>



**Town of Orleans, Massachusetts**  
*Fiscal Year 2024 Projected Principal and Interest Payments*

**Aggregate Debt Service**

		<b>Part 1 of 2</b>		
DATE	Issue : Purpose	PRINCIPAL	INTEREST	TOTAL P+I
07/15/2023	November 16 2005 MCWT T5-02-1000 (OE)	5,000.00	-	5,000.00
<b>Subtotal</b>		<b>\$5,000.00</b>	<b>-</b>	<b>\$5,000.00</b>
08/01/2023	February 1 2016 : Rock Harbor Dredging (IE)	-	2,100.00	2,100.00
	February 1 2016 : Water Tank #1 Rehabilitation (O)	-	1,050.00	1,050.00
	February 9 2017 : Elementary School Windows & Doors (OE)	-	8,312.50	8,312.50
	February 9 2017 : Nauset Beach Parking Lot (IE)	-	1,350.00	1,350.00
	February 9 2017 : Police Station (IE)	-	8,475.00	8,475.00
	February 9 2017 : Police Station Construction (IE)	-	28,450.00	28,450.00
	February 9 2017 : Nauset Beach Parking Lot II (IE)	-	300.00	300.00
	February 9 2017 : Nauset Estuary Dredging (IE)	-	225.00	225.00
	February 9 2017 : Rock Harbor Bulkhead (IE)	-	4,875.00	4,875.00
	February 9 2017 : Nauset Estuary Study (I)	-	225.00	225.00
	February 9 2017 : Water Mains (O)	-	7,475.00	7,475.00
	February 9 2017 : Water - Wells 1-3 & 6-8 (O)	-	6,700.00	6,700.00
	February 7 2019 : Orleans Elementary School Heating & Venting (IE)	-	2,500.00	2,500.00
	February 7 2019 : Nauset Beach Retreat & Facilities Relocation (IE)	-	5,625.00	5,625.00
	February 7 2019 : Tritown Demolition (IE)	-	3,625.00	3,625.00
	February 7 2019 : Water Meter Replacement (O)	-	22,275.00	22,275.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition I (IE)	-	38,010.00	38,010.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition II (IE)	-	2,745.00	2,745.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition III (IE)	-	2,395.00	2,395.00
	December 10 2020 : Main St. & Village Center Streetscape (IE)	-	7,900.00	7,900.00
	December 10 2020 : Well #7 Water Treatment Plant (O)	-	875.00	875.00
	December 10 2020 : Well #7 Construction (O)	-	30,687.50	30,687.50
<b>Subtotal</b>		<b>-</b>	<b>\$186,175.00</b>	<b>\$186,175.00</b>
08/15/2023	February 15 2010 : Well (O)	-	375.00	375.00
<b>Subtotal</b>		<b>-</b>	<b>\$375.00</b>	<b>\$375.00</b>
09/15/2023	January 26 2012 : Land Acquisition - CPA IV (I)	105,000.00	1,050.00	106,050.00
	November 16 2017 : Police Station Construction (IE)	420,000.00	119,700.00	539,700.00
	November 16 2017 : DPW Facility (IE)	25,000.00	6,495.00	31,495.00
	November 16 2017 : DPW Central Garage (IE)	625,000.00	178,095.00	803,095.00
	November 16 2017 : Rock Harbor Bulkhead (IE)	235,000.00	23,412.50	258,412.50
	November 16 2017 : Nauset Beach Parking Lot (IE)	25,000.00	3,100.00	28,100.00
	November 16 2017 : Nauset Estuary Dredging 1 (IE)	10,000.00	837.50	10,837.50
	November 16 2017 : Nauset Estuary Dredging 2 (IE)	15,000.00	1,812.50	16,812.50
	November 16 2017 : Tri-Town Septage Facility (IE)	75,000.00	9,275.00	84,275.00
	November 16 2017 : Main Street Intersection (IE)	30,000.00	5,975.00	35,975.00
	November 16 2017 : Stormwater Facility (IE)	15,000.00	3,412.50	18,412.50
	November 16 2017 : Beach Road Water Main 1 (O)	10,000.00	1,770.00	11,770.00
	November 16 2017 : Beach Road Water Main 2 (O)	50,000.00	13,665.00	63,665.00
<b>Subtotal</b>		<b>\$1,640,000.00</b>	<b>\$368,600.00</b>	<b>\$2,008,600.00</b>
10/15/2023	April 2 2015 : Ref of Landfill Area - Closing Out I (OE)	-	9,250.00	9,250.00
	April 2 2015 : Ref of Land Acquisition - CPA (I)	-	6,825.00	6,825.00
	April 2 2015 : Ref of Landfill Area - Closing Out II (OE)	-	975.00	975.00
	April 2 2015 : Ref of Town Hall Building Remodeling (IE)	-	22,275.00	22,275.00
	January 27 2022 : Governor Prence Property (OE)	85,000.00	38,250.00	123,250.00
	January 27 2022 : Nauset Beach Retreat Master Plan (IE)	85,000.00	2,125.00	87,125.00
	January 27 2022 : Design and Replace Methane Gas (OE)	10,000.00	3,700.00	13,700.00
	January 27 2022 : Rock Harbor & Town Cove Bulkhead (IE)	90,000.00	4,625.00	94,625.00
	January 27 2022 : Fire Station Feasibility (IE)	10,000.00	750.00	10,750.00
	January 27 2022 : Fire Department Pumper Truck (IE)	65,000.00	14,575.00	79,575.00
	January 27 2022 : Landfill Methane Gas (OE)	15,000.00	5,775.00	20,775.00
	January 27 2022 : Pleasant Bay (IE)	10,000.00	1,000.00	11,000.00
	January 27 2022 : Mill Pond Landing Restoration (IE)	10,000.00	5,475.00	15,475.00
	January 27 2022 : Replace OES Windows and Roofs (IE)	5,000.00	3,150.00	8,150.00
	January 27 2022 : Nauset Beach Retreat Phase 2 (IE)	165,000.00	59,650.00	224,650.00
	January 27 2022 : Rock Harbor Dredging (IE)	35,000.00	3,750.00	38,750.00
	January 27 2022 : Arey's Pond Land Acquisition (I)	40,000.00	12,075.00	52,075.00
	January 27 2022 : Affordable Housing (O)	65,000.00	21,125.00	86,125.00
	January 27 2022 : Replace Rock Harbor Rd Water Main (O)	5,000.00	1,325.00	6,325.00
	January 27 2022 : Rock Harbor Water Main (O)	45,000.00	13,500.00	58,500.00
	January 27 2022 : Canal Road Water Main Replacement (O)	15,000.00	4,875.00	19,875.00
	January 27 2022 : Water Treatment Plant Study (I)	10,000.00	750.00	10,750.00
<b>Subtotal</b>		<b>\$765,000.00</b>	<b>\$235,800.00</b>	<b>\$1,000,800.00</b>

**Town of Orleans, Massachusetts**  
**Fiscal Year 2024 Projected Principal and Interest Payments**

**Aggregate Debt Service**

				Part 2 of 2
DATE	Issue : Purpose	PRINCIPAL	INTEREST	TOTAL P+I
02/01/2024	February 1 2016 : Rock Harbor Dredging (IE)	70,000.00	2,100.00	72,100.00
	February 1 2016 : Water Tank #1 Rehabilitation (O)	70,000.00	1,050.00	71,050.00
	February 9 2017 : Elementary School Windows & Doors (OE)	20,000.00	8,312.50	28,312.50
	February 9 2017 : Nauset Beach Parking Lot (IE)	15,000.00	1,350.00	16,350.00
	February 9 2017 : Police Station (IE)	20,000.00	8,475.00	28,475.00
	February 9 2017 : Police Station Construction (IE)	75,000.00	28,450.00	103,450.00
	February 9 2017 : Nauset Beach Parking Lot II (IE)	10,000.00	300.00	10,300.00
	February 9 2017 : Nauset Estuary Dredging (IE)	5,000.00	225.00	5,225.00
	February 9 2017 : Rock Harbor Bulkhead (IE)	110,000.00	4,875.00	114,875.00
	February 9 2017 : Nauset Estuary Study (I)	5,000.00	225.00	5,225.00
	February 9 2017 : Water Mains (O)	30,000.00	7,475.00	37,475.00
	February 9 2017 : Water - Wells 1-3 & 6-8 (O)	25,000.00	6,700.00	31,700.00
	February 7 2019 : Orleans Elementary School Heating & Venting (IE)	100,000.00	2,500.00	102,500.00
	February 7 2019 : Nauset Beach Retreat & Facilities Relocation (IE)	225,000.00	5,625.00	230,625.00
	February 7 2019 : Tritown Demolition (IE)	145,000.00	3,625.00	148,625.00
	February 7 2019 : Water Meter Replacement (O)	165,000.00	22,275.00	187,275.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition I (IE)	130,000.00	38,010.00	168,010.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition II (IE)	17,000.00	2,745.00	19,745.00
	December 10 2020 : Cur Ref of 2 15 11 Land Acquisition III (IE)	13,000.00	2,395.00	15,395.00
	December 10 2020 : Main St. & Village Center Streetscape (IE)	25,000.00	7,900.00	32,900.00
December 10 2020 : Well #7 Water Treatment Plant (O)	5,000.00	875.00	5,875.00	
December 10 2020 : Well #7 Construction (O)	80,000.00	30,687.50	110,687.50	
<b>Subtotal</b>		<b>\$1,360,000.00</b>	<b>\$186,175.00</b>	<b>\$1,546,175.00</b>
02/15/2024	February 15 2010 : Well (O)	10,000.00	375.00	10,375.00
<b>Subtotal</b>		<b>\$10,000.00</b>	<b>\$375.00</b>	<b>\$10,375.00</b>
03/15/2024	November 16 2017 : Police Station Construction (IE)	-	109,200.00	109,200.00
	November 16 2017 : DPW Facility (IE)	-	5,870.00	5,870.00
	November 16 2017 : DPW Central Garage (IE)	-	162,470.00	162,470.00
	November 16 2017 : Rock Harbor Bulkhead (IE)	-	17,537.50	17,537.50
	November 16 2017 : Nauset Beach Parking Lot (IE)	-	2,475.00	2,475.00
	November 16 2017 : Nauset Estuary Dredging 1 (IE)	-	587.50	587.50
	November 16 2017 : Nauset Estuary Dredging 2 (IE)	-	1,437.50	1,437.50
	November 16 2017 : Tri-Town Septage Facility (IE)	-	7,400.00	7,400.00
	November 16 2017 : Main Street Intersection (IE)	-	5,225.00	5,225.00
	November 16 2017 : Stormwater Facility (IE)	-	3,037.50	3,037.50
	November 16 2017 : Beach Road Water Main 1 (O)	-	1,520.00	1,520.00
	November 16 2017 : Beach Road Water Main 2 (O)	-	12,415.00	12,415.00
	<b>Subtotal</b>		<b>-</b>	<b>\$329,175.00</b>
04/15/2024	April 2 2015 : Ref of Landfill Area - Closing Out I (OE)	185,000.00	9,250.00	194,250.00
	April 2 2015 : Ref of Land Acquisition - CPA (I)	105,000.00	6,825.00	111,825.00
	April 2 2015 : Ref of Landfill Area - Closing Out II (OE)	15,000.00	975.00	15,975.00
	April 2 2015 : Ref of Town Hall Building Remodeling (IE)	345,000.00	22,275.00	367,275.00
	January 27 2022 : Governor Prence Property (OE)	-	36,125.00	36,125.00
	January 27 2022 : Design and Replace Methane Gas (OE)	-	3,450.00	3,450.00
	January 27 2022 : Rock Harbor & Town Cove Bulkhead (IE)	-	2,375.00	2,375.00
	January 27 2022 : Fire Station Feasibility (IE)	-	500.00	500.00
	January 27 2022 : Fire Department Pumper Truck (IE)	-	12,950.00	12,950.00
	January 27 2022 : Landfill Methane Gas (OE)	-	5,400.00	5,400.00
	January 27 2022 : Pleasant Bay (IE)	-	750.00	750.00
	January 27 2022 : Mill Pond Landing Restoration (IE)	-	5,225.00	5,225.00
	January 27 2022 : Replace OES Windows and Roofs (IE)	-	3,025.00	3,025.00
	January 27 2022 : Nauset Beach Retreat Phase 2 (IE)	-	55,525.00	55,525.00
	January 27 2022 : Rock Harbor Dredging (IE)	-	2,875.00	2,875.00
	January 27 2022 : Arey's Pond Land Acquisition (I)	-	11,075.00	11,075.00
	January 27 2022 : Affordable Housing (O)	-	19,500.00	19,500.00
	January 27 2022 : Replace Rock Harbor Rd Water Main (O)	-	1,200.00	1,200.00
	January 27 2022 : Rock Harbor Water Main (O)	-	12,375.00	12,375.00
	January 27 2022 : Canal Road Water Main Replacement (O)	-	4,500.00	4,500.00
January 27 2022 : Water Treatment Plant Study (I)	-	500.00	500.00	
<b>Subtotal</b>		<b>\$650,000.00</b>	<b>\$216,675.00</b>	<b>\$866,675.00</b>
<b>Total</b>		<b>\$4,430,000.00</b>	<b>\$1,523,350.00</b>	<b>\$5,953,350.00</b>

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**Town of Orleans, Massachusetts**  
*Short-Term Debt Outstanding Projected as of June 30, 2022*

**Aggregate Debt Service**

Date	Principal	Interest	Total P+I
06/30/2022	-	-	-
06/30/2023	14,973,445.00	187,168.06	15,160,613.06
Total	\$14,973,445.00	\$187,168.06	\$15,160,613.06

**Par Amounts Of Selected Issues**

January 27 2022 BAN.....	14,973,445.00
<b>TOTAL.....</b>	<b>14,973,445.00</b>



# Town of Orleans, Massachusetts

## \$14,973,445 General Obligation Bond Anticipation Notes

**Sale Date:** 1/13/2022  
**Dated Date:** 1/27/2022  
**Delivery Date:** 1/27/2022  
**Due Date:** 1/27/2023  
**Days Per Year:** 360  
**Day Count:** 360  
**Bank Qualified:** No  
**Rating:** SP-1+



Bidder	Underwriter	Principal	Coupon Rate	Premium	Interest	Net Interest	NIC	Prorata Premium	Prorata Interest	Award	Reoffering Yield
Piper Sandler & Co,	•	\$14,973,445	1.25%	\$138,354.63	\$187,168.06	\$48,813.43	0.3260%	\$138,354.63	\$187,168.06	\$14,973,445	0.30%
TD Securities	•	\$14,973,445	2.00%	\$243,168.75	\$299,468.90	\$56,300.15	0.3760%				
Oppenheimer & Co.	•	\$14,973,445	2.00%	\$240,922.73	\$299,468.90	\$58,546.17	0.3910%				
Jefferies LLC	•	\$14,973,445	2.00%	\$237,778.30	\$299,468.90	\$61,690.60	0.4120%				
<b>Award Totals</b>								<b>\$138,354.63</b>	<b>\$187,168.06</b>	<b>\$14,973,445</b>	

Weighted Average Net Interest Cost: 0.3260%

**MUNICIPAL PURPOSE LOAN**

Town of Orleans, Massachusetts

**\$14,973,445** General Obligation Bond Anticipation Notes

Sale Date: 1/13/2022  
 Dated Date: 1/27/2022  
 Delivery Date: 1/27/2022  
 Due Date: 1/27/2023  
 Bank Qualification: No



<u>Purpose</u>	<u>Vote Date(s)</u>	<u>Reference</u>	<u>Amount Authorized</u>	<u>Previous Issues</u>	<u>Bonds, Grants, and/or Paydowns</u>	<u>Renewal This Issue</u>	<u>New This Issue</u>	<u>Total This Issue</u>	<u>Balance Unissued</u>	<u>Original Issue Date</u>	<u>Prorata Interest</u>	
Nauset Estuary Dredging Design	5/22/2021, art. 20	Ch. 44, s.7(7)	\$160,000	\$0	\$0	-	\$160,000	160,000	\$0	1/27/2022	\$2,000.00	EXEMPT
Water Quality Management Plan - #102416	10/24/16, art. 2	Ch. 44, s.7(7)	\$3,228,200	\$2,830,000	\$398,200	2,830,000	\$0	2,830,000	\$0	2/10/2017	\$35,375.00	EXEMPT
Water Quality/Adaptive Management Plan - #50817	5/8/17, art. 13	Ch. 44, s.7(7)	\$2,963,560	\$2,845,000	\$118,560	2,845,000	\$0	2,845,000	\$0	2/9/2018	\$35,562.50	EXEMPT
Water Resource Management Sewer Construction - #101617	10/16/17, art. 1	Ch. 44, s.7(1)	\$3,680,000	\$3,141,902	\$538,098	3,141,902	\$0	3,141,902	\$0	2/9/2018	\$39,273.78	EXEMPT
Wastewater Comprehensive Resources Management Plan	5/7/18, art. 14	Ch. 44, s.7(7)	\$4,223,600	\$3,478,443	\$745,156	3,478,443	\$0	3,478,443	\$1	2/8/2019	\$43,480.54	EXEMPT
Groundwater Remediation	6/20/20, art. 13	Ch. 44, s.7(1)	\$1,700,500	\$1,700,500	\$0	1,700,500	\$0	1,700,500	\$0	2/5/2021	\$21,256.25	EXEMPT
Fire Station Renovation Feasibility Study	10/31/2020, art. 13	Ch. 44, s.7(7)	\$100,000	\$59,300	\$40,700	59,300	\$0	59,300	\$0	2/5/2021	\$741.25	EXEMPT
Water Resource Management Plan	5/22/2021, art. 19	Ch. 44, s.7(7)	\$658,300	\$0	\$0	-	\$658,300	658,300	\$0	1/27/2022	\$8,228.75	EXEMPT
Downtown Sewer	6/20/20, art. 42	Ch. 44, s.7(1)	\$12,218,000	\$0	\$12,026,400	-	\$100,000	100,000	\$91,600	1/27/2022	\$1,250.00	EXEMPT
<b>Totals</b>			<b>\$28,932,160</b>	<b>\$14,055,145</b>	<b>\$13,867,114</b>	<b>14,055,145</b>	<b>\$918,300</b>	<b>\$14,973,445</b>	<b>\$91,601</b>		<b>\$187,168.06</b>	



Orleans, Massachusetts

Authorized Unissued Debt  
BLANKET PREMIUM APPROVED SPRING 2017

Date: 1/27/2022



BAN art.	Date of Author.	Amount Originally Authorized	Amount Bonded, Rescinded or Paid Down	Date Bonded, Rescinded or Paid Down	Authorized Unissued	Purpose	Law Cite.	Maximum Term	Notes Outstanding	Maturity Date	Original Issue Date	Roll-over Date
2	10/24/2016	3,228,200	31,423 7,198.54 226,988.13 67,590.00 65,000.00	PD - 2/9/18 PD 2/9/19 Transferred premium proceeds - 5/21/19 PD - 2/5/21 PD- 1/27/22	2,830,000	Wastewater Quality Management Plan #102416 - EXEMPT (wastewater)  (Town will apply \$31,422.65 excess premium from 2017 issues to project costs)	7(7) and/or 29 C	5	2,830,000	1/27/2023	2/10/2017	2/9/2018, 2/8/2019, 2/7/2020, 2/5/2021, 1/27/2022
13	5/8/2017	2,963,560 *	58,560 60,000	PD - 2/5/21 PD- 1/27/22	2,845,000	Wastewater Quality/Adaptive Management Plan/ Resource Management #50817 (1) EXEMPT (wastewater) (Original auth. \$3,733,660 amended - see doc # 191145)	7(7)	5 yrs	2,845,000	1/27/2023	2/9/2018	2/8/2019, 2/7/2020, 2/5/2021, 1/27/2022
17	5/8/2017	1,300,000			1,300,000	Nauset Regional High School Feasibility Study - EXEMPT (District will fund this debt not Town - MSBA funded)	70B	30				
1	10/16/2017	3,680,000	393,098 70,000 75,000	PD with unspent proceeds - 2/5/21 PD - 2/5/21 PD- 1/27/22	3,141,902	Wastewater Resource Management - Sewer Construction # 101617 - EXEMPT	7(1) or 8(14) and/or 29C	30	3,141,902	1/27/2023	2/9/2018	2/8/2019, 2/7/2020, 2/5/2021, 1/27/2022
6	5/7/2018	175,000 *	6,767.86 3,038.14 1,652.03 1,854.74 161,687.00	Transferred premium proceeds - 5/21/19 Transferred premium proceeds - 6/23/20, applied 2/5/21 Transferred premium proceeds 5/22/21 Transferred BAN premium 10/25/21 B- 1/27/22	0.23	Nauset Beach Retreat Master Plan and Design - EXEMPT	7(7)	5				
14	5/7/2018	4,223,600 *	147,200.00 109,559.27 242,650.13 162,146.63 83,600.00	Transferred funds from Rock Harbor no longer needed - 6/23/20, applied 2/5/21 Transferred unspent bond proceeds - 6/23/20, applied 2/5/21 Transferred premium proceeds - 6/23/20, applied 2/5/21 Transferred BAN premiums 10/25/2021 PD- 1/27/22	3,478,443.97	Wastewater Comprehensive Resources Management Plan - EXEMPT	7(7) &/or 29C	5	3,478,443	1/27/2023	2/8/2019	2/7/2020, 2/5/2021, 1/27/2022 (Town will pd \$162,147 in feb. 2023)
22	5/7/2018	210,000 *	2,177.42 14,268.63 3,495.00 45,166.00 144,892.00	Transferred premium proceeds - 5/21/19 Transferred from unspent bonds 6/19/19 Transferred from premium proceeds -6/23/20 B-12/10/20 BP-12/10/20	0.95	Well #7 Water Treatment Plant	7(7)	5				
23	5/13/2019 & 5/21/19	430,000 *	147,200.00 7,763.93 3,089.00 271,947.00	Transferred funds no longer needed - 6/23/20, applied 2/5/21 Transferred premium proceeds - 6/23/20, applied 2/5/21 Transferred BAN premium 10/25/21 B- 1/27/22	0.07	Rock Harbor & Town Cove Bulkhead - EXEMPT	7(1)	5				
25	5/13/19 & 5/21/2019	600,000 *	5,099.27 47,029.00 9,895.00 465,000.00 72,976.00	Transferred premium proceeds - 5/21/19 Transferred proceeds - 5/21/19 Transferred premium proceeds - 6/23/20 B-12/10/20 BP-12/10/20	0.73	Main Street Reconstruction and Village Center Streetscape - EXEMPT	7(1)	15				
12	6/20/2020	775,000 *	8,646.00 714,536.00 46,796.00	Transferred BAN premium 10/25/21, applied 2/22 B- 1/27/22 BP- 1/27/22	5,022	Areys Pond Land Acquisition	7(1) or 44B	30				
13	6/20/2020 & 6/23/2020	1,700,500 *			1,700,500	Groundwater Remediation Permeable Reactive Barrier - EXEMPT Groundwater Remediation Permeable Reactive Barrier Planning - EXEMPT	7(1) 7(1)	5 5	1,700,500	1/27/2023	2/5/2021	1/27/2022
42	6/20/2020 & 6/23/2020	12,218,000 *	12,026,400.00	MCWT ILN - 11/1/20	191,600	Downtown Sewers - EXEMPT (CW-19-33)	7(1)	30	100,000	1/27/2023	1/27/2022	
13	10/31/2020 & 12/1/2020	100,000 *	1,122.77 39,577.00	Transferred BAN premium 10/25/21 B- 1/27/22	59,300	Fire Station Renovation Feasibility Study - EXEMPT	7(7)	5	59,300	1/27/2023	2/5/2021	1/27/2022
17	5/22/2021	2,000,000 *	1,300,000.00	B- 1/27/22	700,000	Affordable Housing	C.44B-11 and C. 471 of the Acts of 2004	30				
19, 01	5/22/2021 & 5/25/2021	658,300 *			658,300	Water Resource Management Plan EXEMPT	7(7)	5-30	658,300	1/27/2023	1/27/2022	
20, 02	5/22/2021 & 5/25/2021	160,000 *			160,000	Nauset Estuary Dredging Design EXEMPT	7(7)	5-30	160,000	1/27/2023	1/27/2022	
<b>TOTALS:</b>					<u>\$ 17,070,071</u>				<u>\$ 14,973,445</u>			