

Town and County of Nantucket Select Board • County Commissioners

Jason Bridges, Chair
Matt Fee
Dawn E. Hill Holdgate
Malcolm W. MacNab
Brooke Mohr



16 Broad Street
Nantucket, Massachusetts 02554

Telephone (508) 228-7255
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C. Elizabeth Gibson
Town & County Manager

AGENDA FOR THE MEETING OF THE SELECT BOARD FEBRUARY 8, 2023 - 5:30 PM PSF COMMUNITY ROOM, 4 FAIRGROUNDS ROAD AND REMOTE PARTICIPATION VIA ZOOM WEBINAR NANTUCKET, MASSACHUSETTS

YOU TUBE LINK FOR VIEWING ONLY:

<https://youtu.be/i-GibBmA8k>

ZOOM WEBINAR REGISTRATION LINK TO VIRTUALLY ATTEND MEETING:

https://us06web.zoom.us/webinar/register/WN_M58qgahNTPaGoyARFPZYow

- I. CALL TO ORDER***
- II. SELECT BOARD ACCEPTANCE OF AGENDA***
- III. ANNOUNCEMENTS***
 1. The Select Board Meeting is Being Audio/Video Recorded.
 2. Department of Public Works: April 29, 2022 Arbor Day Proclamation.
 3. Select Board Announcements/Comments.
- IV. FOLLOW-UP ON COMMENTS FROM PRIOR SELECT BOARD MEETINGS***
 1. Follow-up on Public Comment From February 1, 2023 Board Meeting Regarding Surfside Crossing 40B Natural Heritage and Endangered Species Permit.
- V. PUBLIC COMMENT****
- VI. NEW BUSINESS****
- VII. APPROVAL OF MINUTES, WARRANTS AND PENDING CONTRACTS***
 1. Approval of Minutes of February 1, 2023 at 5:30 PM; February 2, 2023 at 9:00 AM.
 2. Approval of Payroll Warrants for February 5, 2023

3. Approval of Treasury Warrants for February 8, 2023.

VIII. REPORTS

1. Offshore Wind Update/Mayflower Wind Presentation.

IX. CITIZEN/DEPARTMENTAL/COMMITTEE REQUESTS

1. Department of Public Works: Request for Acceptance of Donation of Elm Tree Located at 34 New Street, Sconset.
2. Applicant Introduction/Review of Applications and Appointments to Council on Aging.

X. TOWN MANAGER'S REPORT

1. FY 2023 Second Quarter Budget Reports: General Fund, Our Island Home Enterprise Fund, Solid Waste Enterprise Fund.
2. Update on Select Board Strategic Plan Focus Area of Environmental Leadership/Water Quality Management Plan Goal.

XI. SELECT BOARD'S REPORTS/COMMENT

1. Board of Health: Appointment of Select Board Representative.
2. Committee Reports.

XII. ADJOURNMENT

****Identified on Agenda Protocol Sheet***

SELECT BOARD AGENDA PROTOCOL:

Roberts Rules: The Select Board follows Roberts Rules of Order to govern its meetings as per the Town Code Charter.

Public Comment: Public Comment is to bring matters of public interest to the attention of the Board. The Board welcomes concise statements on matters that are within the purview of the Select Board. At the Board's discretion, matters raised under Public Comment may be directed to Town Administration or may be placed on a future agenda, allowing all viewpoints to be represented before the Board takes action, if any. Except in emergencies, the Board will not normally take any other action on Public Comment in its sole discretion.

To facilitate that any individual who wishes to provide Public Comment has the opportunity and to ensure the ability of the Board to conduct its business in an orderly fashion, the following rules and procedures are adopted consistent with state and federal free speech laws:

- The agenda for regular Select Board meetings will include a Public Comment period at the beginning of the meeting unless there is more urgent business for the Board to take up first. This time is reserved for speakers to address the Board on matters that are not related to any other Agenda item. If a speaker wishes to address the Board on a matter that is related to another Agenda item, the Chair will accept public comment when that Agenda item is reached during the meeting.
- All speakers are encouraged to present their remarks in a respectful manner.
- All remarks will be addressed through the Chair of the meeting.
- The Chair of the meeting may not interrupt speakers who have been recognized to speak, except that the Chair reserves the right to terminate speech which is not constitutionally protected because it constitutes true threats, incitement to imminent lawless conduct, comments that were found by a court of law to be defamatory, and/or sexually explicit comments made to appeal to prurient interests. Verbal comments may also be curtailed if they exceed three (3) minutes and to the extent they exceed the scope of the Board's authority.

Disclaimer: Public Comment is not a time for debate or response to comments by the Board. Comments made during the Public Comment period do not reflect the views or positions of the Board. Because of constitutional free speech principles, the Board does not have authority to prevent all speech that may be upsetting and/or offensive made during the Public Comment period.

New Business: For topics not reasonably anticipated by the Chair 48 hours in advance of the meeting may be brought up for discussion in accordance with the Open Meeting Law.

Public Participation: The Board welcomes valuable input from the public at appropriate times during the meeting with recognition from the Chair at his/her sole discretion. For appropriate agenda items, the Chair will introduce the item and take public input. Individual Board Members may have questions on the clarity of the information presented. The Board will hear any staff input and then deliberate on a course of action.

Select Board Report and Comment: Individual Board Members may have matters to bring to the attention of the Board during a meeting. If the matter contemplates action by the Board, Board Members will consult with the Chair and/or Town Manager in advance and provide any needed information by the Thursday before the meeting and/or schedule the matter for a future Board meeting. Otherwise, except in emergencies, the Board will not normally take action on Select Board Comment.

Approved on February 17, 2021



OFFICIAL PROCLAMATION

WHEREAS in 1872, the Nebraska Board of Agriculture established a special day to be set aside for the planting of trees, *and*

WHEREAS this holiday, called Arbor Day, was first observed with the planting of more than a million trees in Nebraska, *and*

WHEREAS Arbor Day is now observed throughout the nation and the world, *and*

WHEREAS trees can be a solution to combating climate change by reducing the erosion of our precious topsoil by wind and water, cutting heating and cooling costs, moderating the temperature, cleaning the air, producing life-giving oxygen, and providing habitat for wildlife, *and*

WHEREAS trees are a renewable resource giving us paper, wood for our homes, fuel for our fires, and countless other wood products, *and*

WHEREAS trees in our city increase property values, enhance the economic vitality of business areas, and beautify our community, *and*

WHEREAS trees — wherever they are planted — are a source of joy and spiritual renewal.

NOW, THEREFORE, We, the Select Board of the Town of Nantucket, in the Commonwealth of Massachusetts, do hereby proclaim April 29, 2022 as **ARBOR DAY** in the Town of Nantucket, and we urge all citizens to celebrate Arbor Day and to support efforts to protect our trees and woodlands, *and*

FURTHER, We urge all citizens to plant trees to gladden the heart and promote the well-being of this and future generations.

DATED THIS 27th day of April, 2022.

Select Board Chair_____



Agenda Item Summary

Agenda Item #	VIII. 1.
Date	2/8/23

Staff

Holly Backus, Preservation Planner
Lauren Sinatra, Energy Coordinator

Subject

Mayflower Wind ("South Coast Wind") Presentation

Executive Summary

Representatives from Mayflower Wind ("South Coast Wind") will visit Nantucket on Wednesday, February 8th to conduct a series of community outreach meetings. Their proposed offshore wind farm will be located approximately 20 nautical (23 statute) miles south of Nantucket and occupy a 199-square mile (or over 127,000 acre) lease area, which was awarded through a competitive auction by the US Bureau of Ocean Energy Management (BOEM). The project will consist of approximately 147 turbines up to 1066 feet tall with a nameplate rating of 804MW.

Representatives from the company will present a project presentation to the Select Board, which will be an opportunity for Town leaders and the community to learn more about the project impacts and benefits, ask questions, and view photosimulations from key observation points on Nantucket. Will Cook and Greg Werkheiser from Cultural Heritage Partners (the Town's legal counsel for offshore wind-related matters) will also be in attendance.

Staff Recommendation

N/A

Background/Discussion

N/A

Impact: Environmental ☒ Fiscal ☐ Community ☒ Other ☒

Adverse visual impacts are anticipated on the Nantucket-National Historic Landmark

Board/Commission Recommendation

N/A

Public Outreach

A community "drop in" event is scheduled earlier in the day from 2-4pm at the Nantucket Chamber of Commerce, located on the 2nd floor of Zero Main Street.

Connection to Existing Applicable Plan (i.e., Strategic Plan, Master Plan, etc.)

N/A



Attachments

8-2-2022 Letter from Cultural Heritage Partners to Mayflower Wind CEO

Mayflower Wind (Seacoast Wind) presentation





August 2, 2022

Michael Brown, Chief Executive Officer
Mayflower Wind, LLC
101 Federal St., Ste. 1900
Boston, MA 02110

Re: Offshore Wind Energy Development and the Town of Nantucket

Dear Mr. Brown:

We write as counsel to the Town of Nantucket to request your attention to the Town's concerns about Mayflower's planned offshore wind development and to request specific actions that Mayflower can take now to reduce the potential for conflict during the permitting review process. The Town is unique in the United States in that the entire Town, including Nantucket, Muskeget, and Tuckernuck Islands, form one of the largest contiguous National Historic Landmark districts in the nation. The United States recognizes National Historic Landmarks as having the highest level of historic significance. As a community of islands, the Town is at the forefront of climate change response and impacts and is the epicenter of the nation's first industrial-scale offshore wind developments.

Offshore wind energy development and historic preservation are mutually compatible goals. Nantucket is committed to fostering cleaner, renewable energy sources, and at the same time, the Town recognizes the need to protect its historic character, context, and setting, which led to its recognition as a National Historic Landmark in the first place. The Town also has serious concerns about harm to its property values and heritage tourism economy that industrial-scale wind energy development will generate, including those expected from Mayflower Wind's 147 turbines standing up to 1,066 feet tall. Mayflower's turbines will be in addition and cumulative to the adverse effects caused by wind farms in adjacent lease areas within the Town's viewshed.

Therefore, as Mayflower Wind continues to gather feedback from stakeholders as it plans for the development of its lease area twenty miles from Nantucket's coastline, the Town writes to emphasize the need for Mayflower Wind to undertake all possible planning to avoid or minimize harm to protect the Town's National Historic Landmark status as required by the National Historic Preservation Act. To this end, the Town insists that Mayflower prepare and disclose additional and accurate visual simulations from all historic properties identified within the Area of Potential Effect that show worst-case visual scenarios. Mayflower also has a duty to comply fully with the National Environmental Policy Act so that the public will understand all environmental impacts that will arise from Mayflower Wind and can participate fully in BOEM's consultation process.

We also request that Mayflower conduct open meetings on Nantucket as soon as possible so that public will have an opportunity to learn first-hand about the project and ask questions about adverse effects. To date, Mayflower has not offered public presentations on island regarding the development, permitting, construction and operations, or maintenance of the project, despite assurances from your company that such public engagement would occur once initial photo simulations were available. We suggest that the first of a series of meetings take place next month in September 2022. Please send dates when Mayflower representatives will be available.

In closing, the Town stands ready to support the Commonwealth of Massachusetts and the nation in meeting clean energy goals—and in working with Mayflower Wind to help achieve these goals—but doing so must not come at the expense of Nantucket's historic character, sense of place, and harm to its economy and the environment.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Cook". The signature is fluid and cursive, with a long horizontal stroke at the end.

William J. Cook
Partner

cc: C. Elizabeth Gibson, Town Manager, Town of Nantucket
Daniel Hubbard, General Counsel, Mayflower Wind
Seth Kaplan, Director of External Affairs, Mayflower Wind
Christopher Hardy, External Outreach Manager, Mayflower Wind

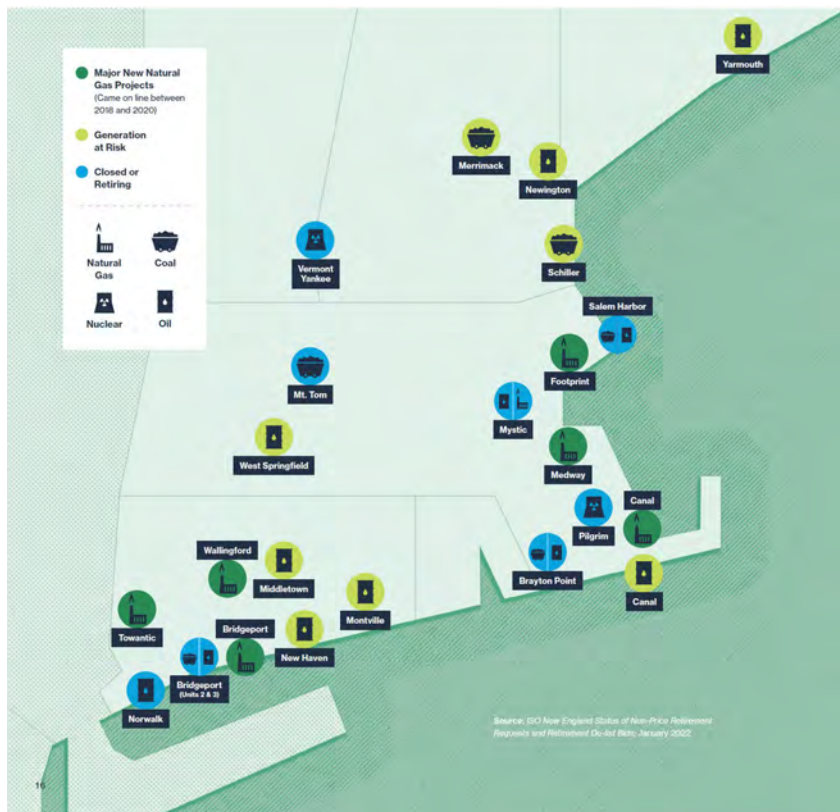


SOUTHCOAST WIND

Nantucket Select Board

February 8, 2023

New England Power Grid in Transition



Since 2013 roughly 7,000 MW of generation have retired or announced plans for retirement in the coming years

Another 5,000 MW of remaining coal and oil are at risk of retirement



New England states are actively replacing these retired facilities with clean energy generation including **offshore wind**

Source: ISO-NE

Contribution to Net-Zero Emissions

Mayflower Wind will be among the largest contributors towards meeting New England's net-zero emissions goals



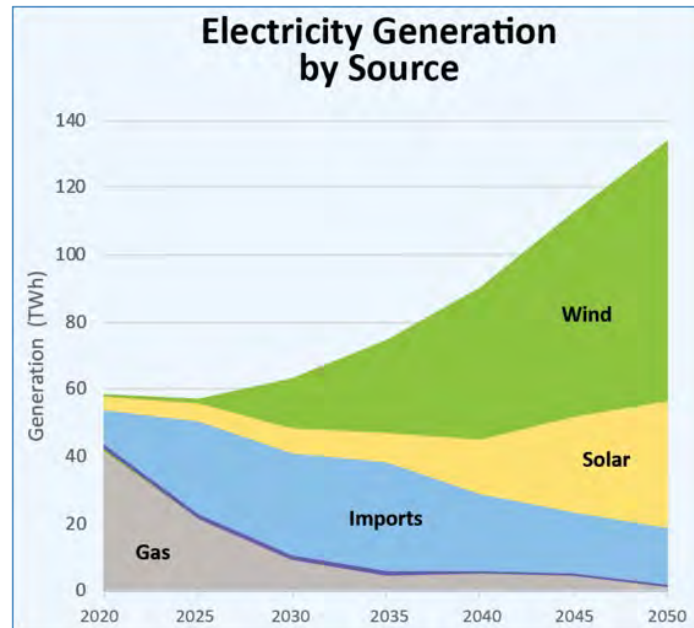
The project will **eliminate over 4 million metric tons of GHGs annually**



Based off 1/3rd of energy potential - Ratepayers will **save over \$2 billion** over the life of the project



The Mayflower Wind Project will account for approximately **8% of the U.S. National goal** of 30 GW of OSW by 2030

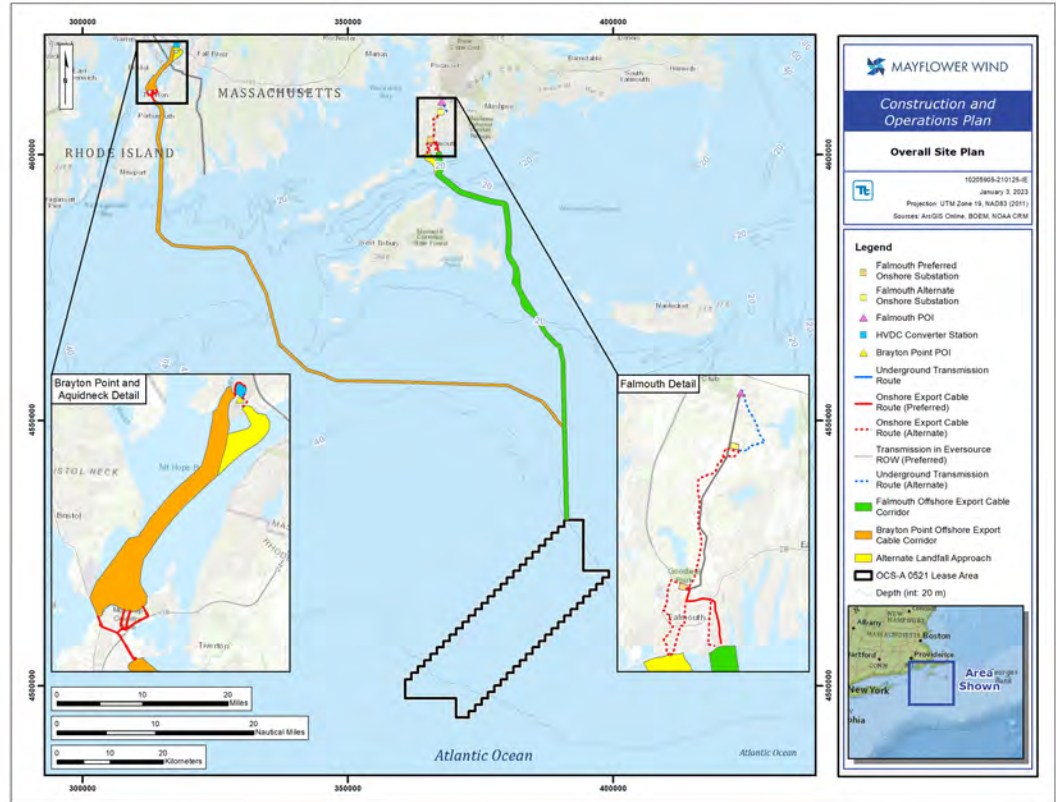


Source: MA Decarbonization Roadmap Report, 2020

Offshore wind energy has been identified as the lowest-cost pathway to net-zero in Massachusetts

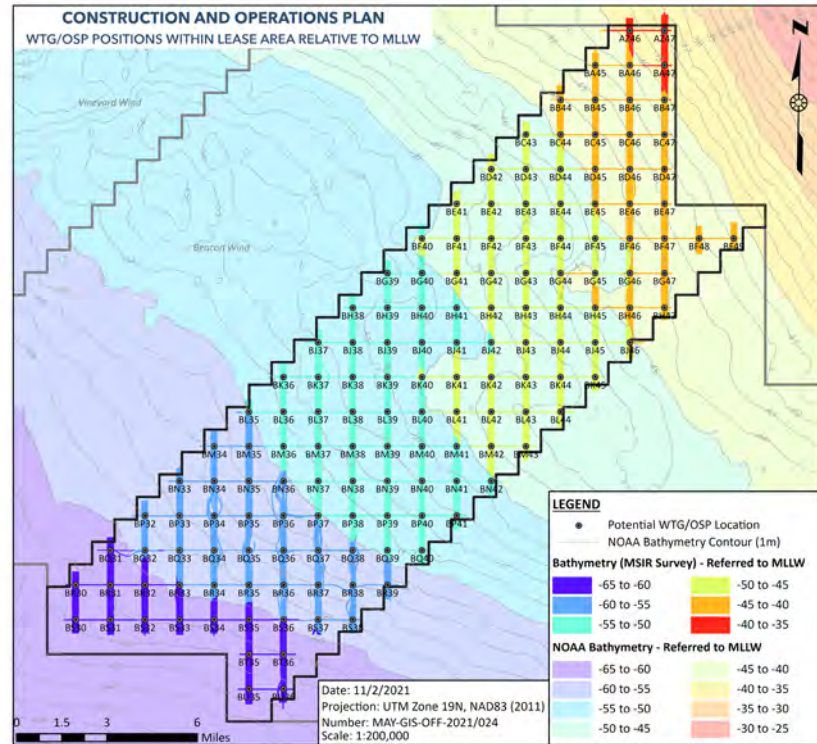
Mayflower Wind Project Overview

- Generation Potential
 - Up to 2,400 MW - enough to power more than **1 million homes**
- 23 miles south of Nantucket
- Two points of interconnection
 - Falmouth, MA- 45 mile distance
 - Brayton Point, Somerset, MA- 95 mile distance

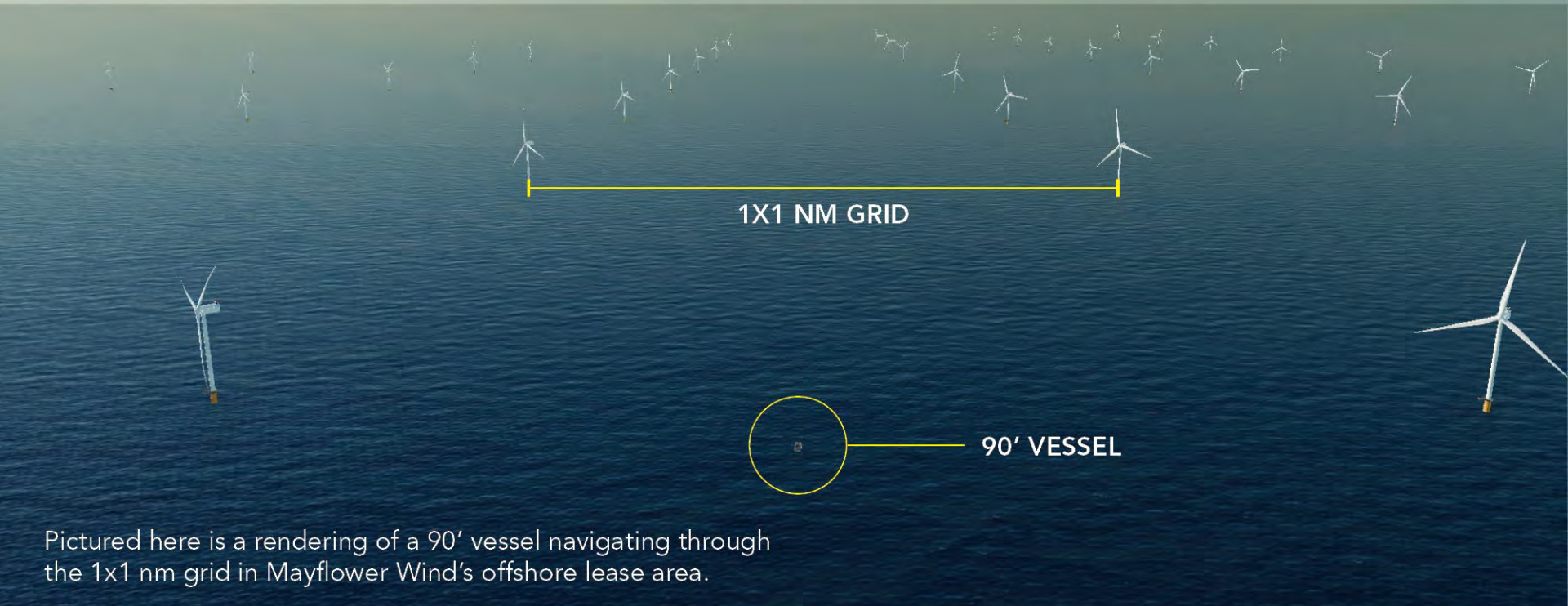


Site Layout

- 149 positions total
- Aligned **1 nm x 1 nm** (1.9 km x 1.9 km) grid for layouts across all MA/RI Wind Energy Area leases
- **Uniform** spacing
- 1-nm wide north-south and east-west corridors
- U.S. Coast Guard recommendation for safe navigation within MA/RI WEA
- Implementation of Aircraft Detection Lighting System (ADLS) to reduce nighttime visual impacts

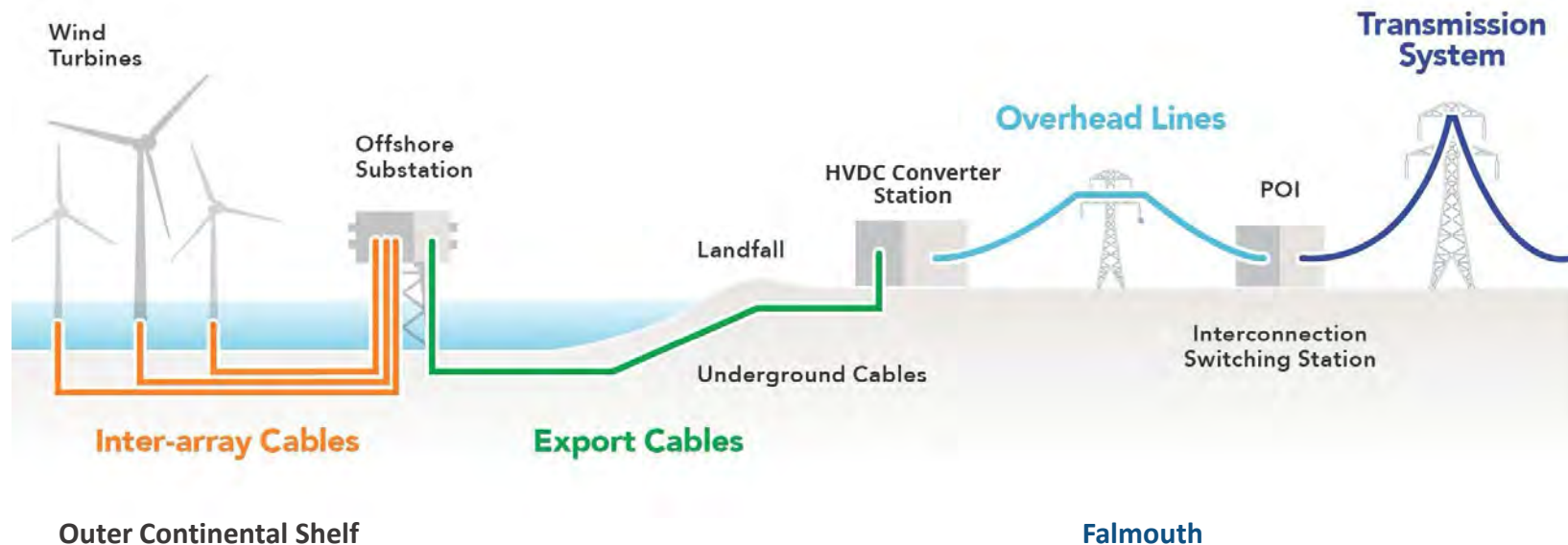


Turbine Spacing & Navigation

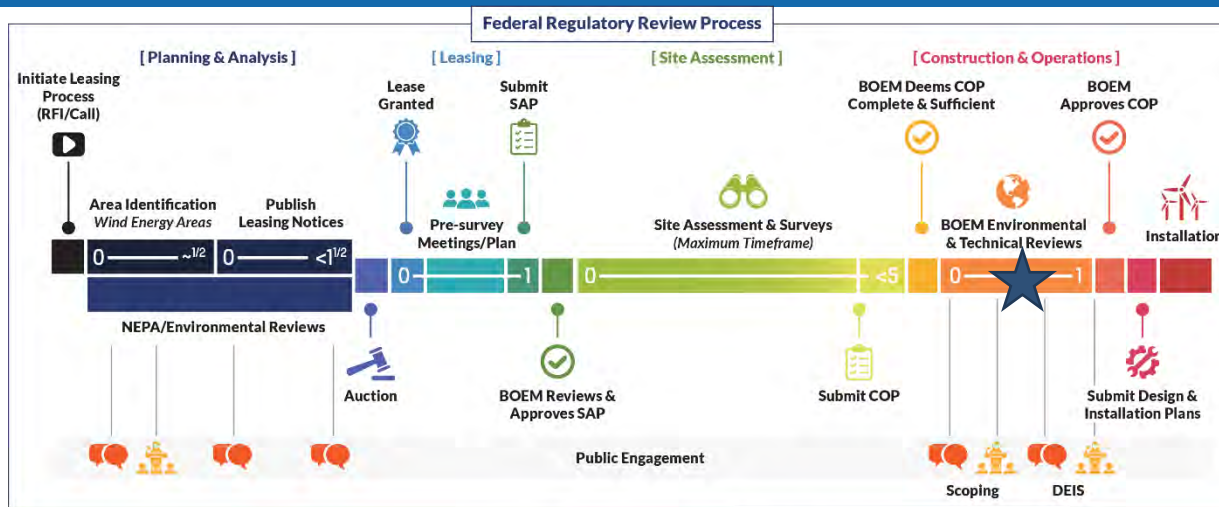


Pictured here is a rendering of a 90' vessel navigating through the 1x1 nm grid in Mayflower Wind's offshore lease area.

Wind Farm Design – Offshore to Onshore

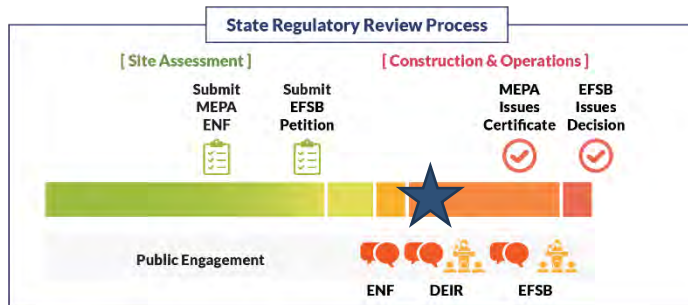


Permitting Process At-a-Glance



★ = current status

Key: Public Engagement Requirements
 📢 Public Comment Periods
 👤 Public Meetings



Studies and Assessments Overview



Physical Environment Studies

- Geology and sediment quality
- Geotechnical surveys
- Wind and metocean conditions



Fauna Studies

- Fisheries (including benthic habitat)
- Birds and bats
- Marine mammals
- Sea turtles
- Subsea noise propagation modeling



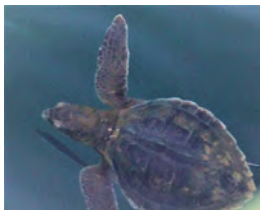
Flora Studies

- Wetlands and onshore ecology
- Seafloor surveys
- Seagrass and macroalgae field surveys

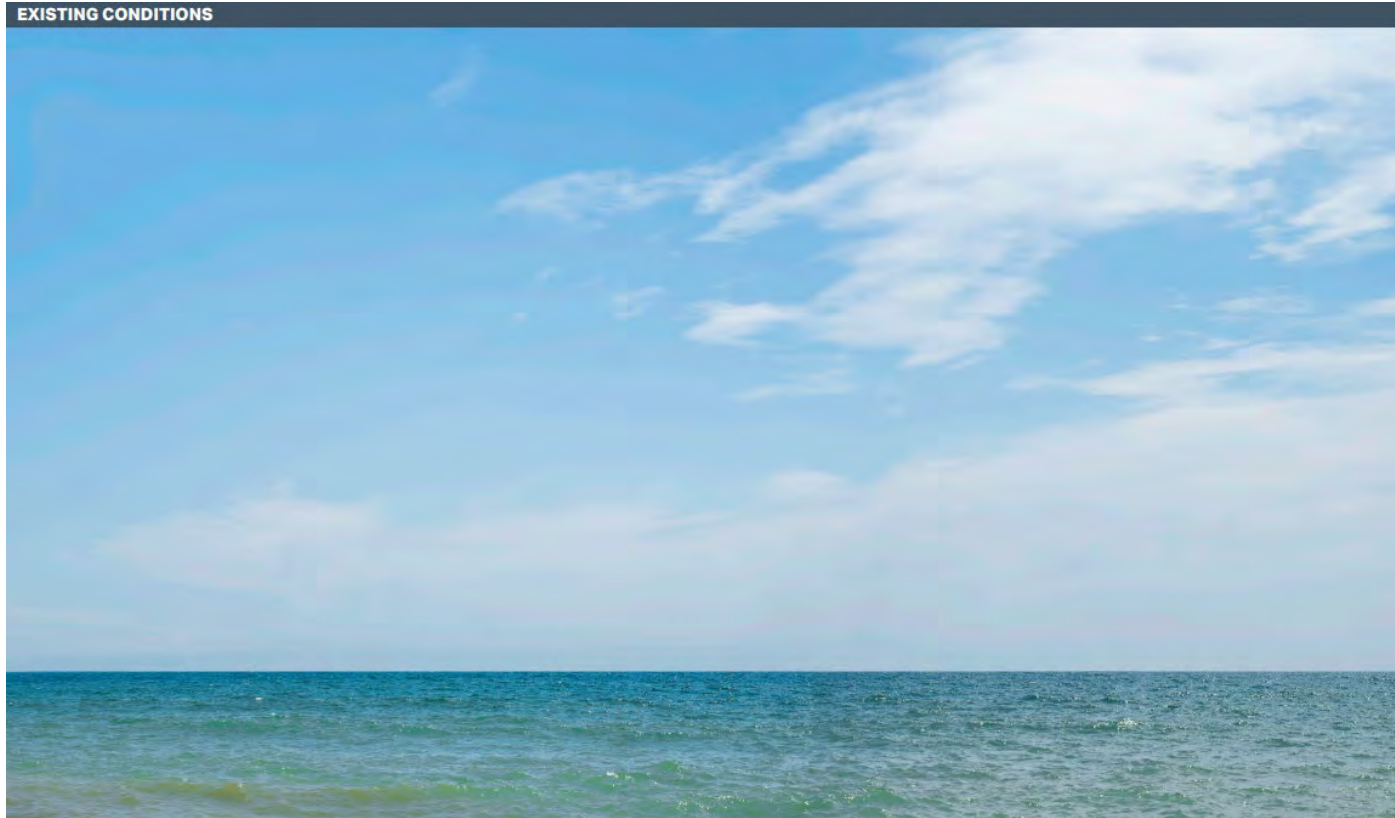


Socioeconomic Studies

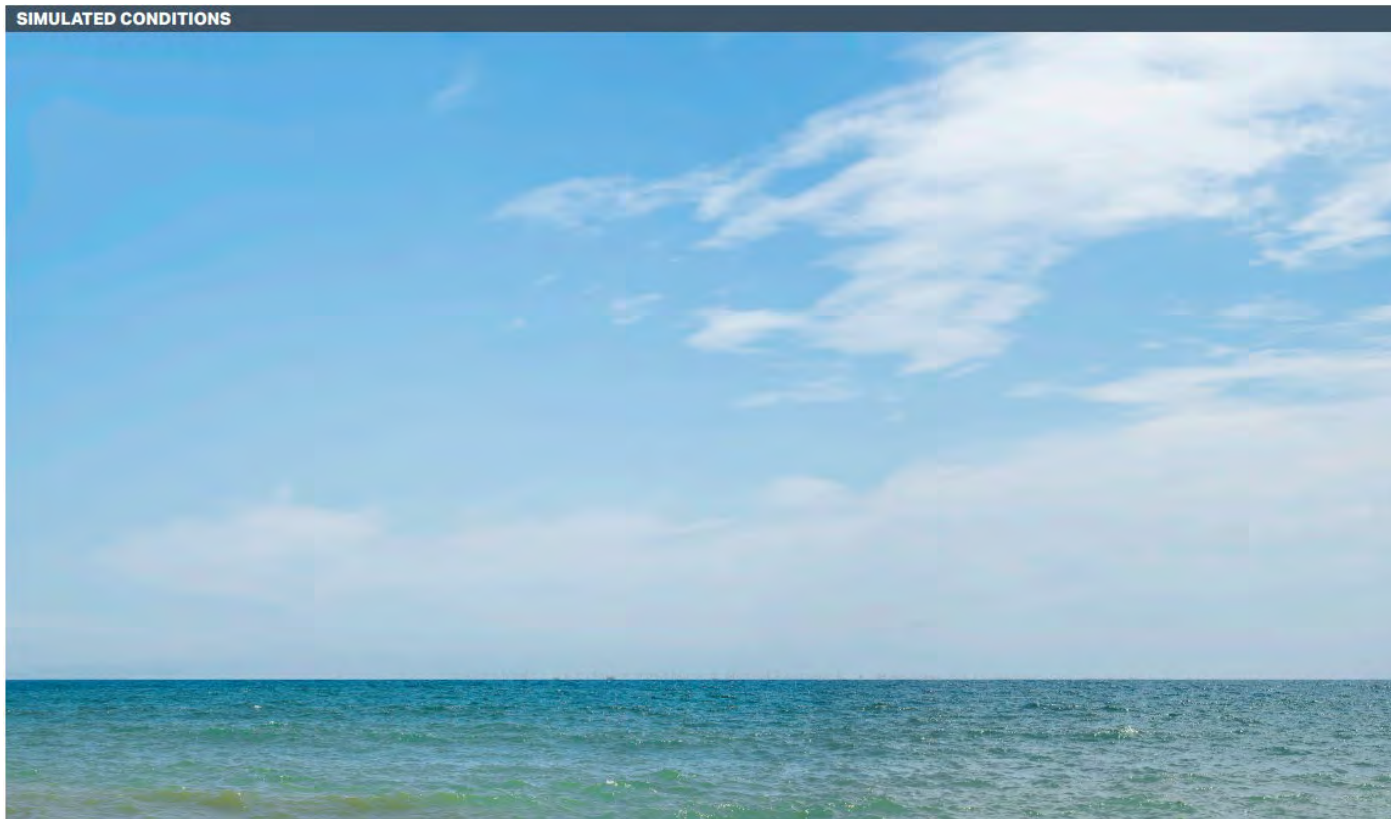
- Commercial and recreational fishing activity
- Electric and Magnetic Fields
- Marine transportation and hazard studies
- Archaeology and historic properties
- Aviation studies
- Supply chain, ports, and harbor evaluation
- Noise and traffic impact studies



VIA Example: KOP 3-N Madaket Beach, Nantucket

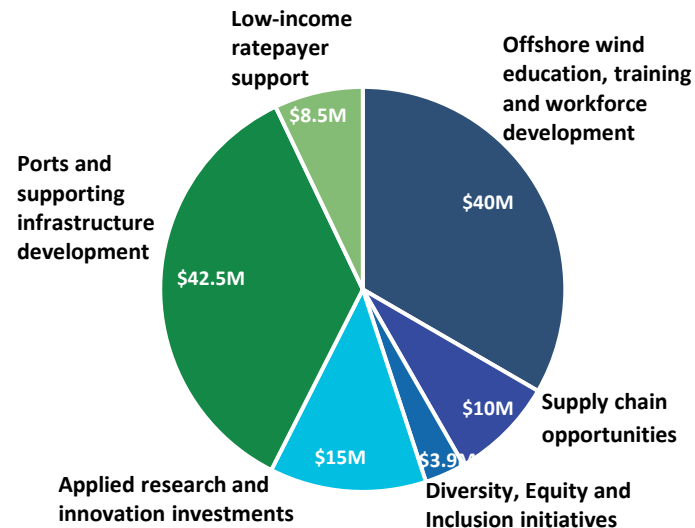


VIA Example: KOP 3-N Madaket Beach, Nantucket



Economic Benefits

- Over **\$115 million** in initiatives is based on commitments made under the Massachusetts offshore wind procurement awards
- Improved grid reliability -- especially during extreme cold periods when other sources become constrained
- Reduced wholesale energy costs
- Support for STEM and renewable energy education programs for local students, local workforce training, in collaboration with existing vocational schools, community colleges and other area providers
- Significant supply chain and job opportunities
 - Project construction will create job opportunities for a variety of qualified local contractors. Local retail and hospitality businesses will see increased activity for goods and services
 - At least 75% of operations jobs will be locally based



Initiative Highlight: PSO Training Program

- Mayflower Wind and RPS are working together to provide local Native American communities with cost-free training and all certifications required to work as a Protected Species Observer (PSO)
 - PSOs are deployed to support industry and academic marine activities where there is potential for those activities to impact marine protected species
- The program kicked off in Summer 2022 and two graduates have been deployed on Mayflower Wind's offshore survey program



Thank You

Questions and Comments?

kelsey.perry@mayflowerwind.com



@mayflower_wind



www.linkedin.com/company/mayflower-wind/



www.youtube.com/c/MayflowerWind



Town of Nantucket *Department of Public Works*

Municipal Office Building • 188 Madaket Road Nantucket MA 02554 • Ph (508) 228-7244 • dpw@nantucket-ma.gov
Stephen Arceneaux • Director

January 10, 2023

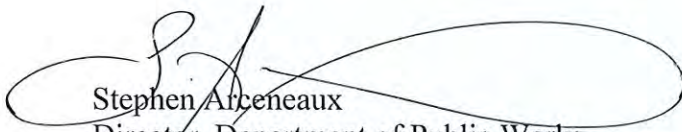
Town of Nantucket
Select Board
16 Broad Street
Nantucket, MA 02554

RE: Tree Commission Gift- Donation of Tree from Pam Murphy

As a token of appreciation to the Tree Commission, Pam Murphy would like to donate an Elm tree that is located on her property at 34 New St in Sconset.

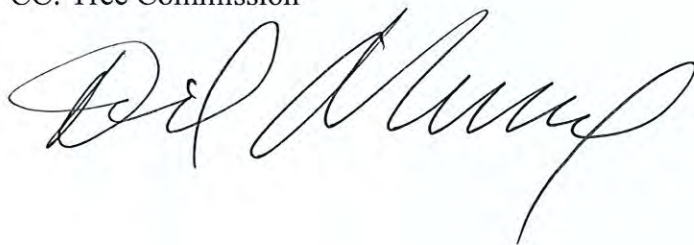
Please accept this generous gift to the Tree Commission's future planning and continue success with our ecosystem.

Sincerely,



Stephen Arceneaux
Director, Department of Public Works

CC: Tree Commission



Tomeka Gary
Administrative Assistant
Department of Public Works
188 Madaket Rd.
Nantucket, MA 02554

Dear Ms. Gary,

I am gifting my American Elm tree located at 34 New Street in Siasconset to the Town of Nantucket. The tree is located near the road and the property line with 32 New St. With this gift, I hope it will be protected from harm or destruction.

Please consider this letter my statement of intent.

Please convey my gratitude to the Tree Committee for all they do to protect Nantucket's beautiful trees.

Sincerely,
Pamela J. Murphy

Pamela J. Murphy

34 New Street Elm Tree Pictures Donation





Council on Aging

Mary Anne Easley	Chair	2023
Arlene O'Reilly	Secretary	2024
Robert M. Kucharavy	Vice Chair	2025
Nancy Swain		2023
VACANT		2023
Judith Perkins		2024
Linda Williams		2024
VACANT		2025
VACANT		2025

Applicants:

Erin Lynch

Abigail Camp



TOWN OF NANTUCKET
COMMITTEE INTEREST FORM/NEW APPLICANT
For Appointment by the Select Board

*Please return this form to the Town Administration offices by the advertised due date.
Please call for date of the Public Hearing for applications review or refer to the Public Notice.*

Name: Erin Lynch **Home Phone:** 508-577-5057

Mailing Address: 3A Somerset Rd Nantucket, Ma 02554 **Alternate Phone:** n/a

Email Address: Erin@TuckedInEldercare.com **Date Submitted:** 1/10/2023

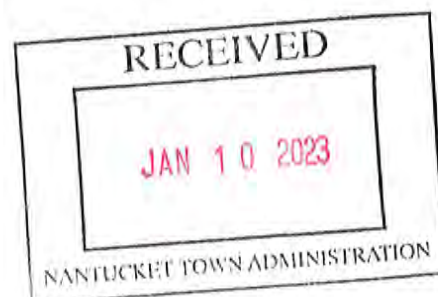
REQUESTING APPOINTMENT TO: Council on Aging

Reasons for Committee Interest

- Have you ever attended a meeting of the committee/board/commission?
 1. No.
- Why are you interested in this committee/board/commission?
 1. I am interested in joining the Council on Aging so I can continue to advocate for the senior community. In my work, I identify the needs of the Nantucket's elderly population through daily client interactions. I would look forward to the opportunity to bring forth ideas and services that could positively impact our senior community to a committee that has the capability to support and meet those needs.
- Are you prepared to commit to the meeting schedule of the committee/board/commission?
 1. Yes; however, I will be on maternity leave June 2023 through October 2023. I understand this may be a conflict and therefore may not be a suitable candidate at this time.

Relevant Experience

- What experience, skills or insight would you bring to the committee/board/commission?
 1. Education and credentials: MS in Gerontology and Management of Aging Services, certified care manager and licensed nursing home administrator.
 2. My current role is the Director at Best of Care and TUCKed In Eldercare- providing home care services (as little as 15 minutes a day and up to 24/7 and live-in care) and care management services (assisting clients and families navigate the aging process, providing support, guidance, education, and resources). Our goal is to ensure our clients are receiving the care they need to age in place on island and meet their needs on a holistic level. Through our daily interactions with clients, we discover and identify unmet needs and services- for example: transportation, skilled nursing, day care, off island support to doctor appointments.
- What would you hope to accomplish on the committee/board/commission?
 1. I hope to be an advocate and "the messenger" for the senior community and families I work with on a daily basis. We often learn so much from our clients and families and what support and services are needed to improve the quality of life for all involved when it comes to aging in place with dignity. I would like to offer support in the position as a committee member, volunteer, or in a professional manner- to start up and provide services that our senior community is in need of.



Potential Conflicts of Interest

- Please list any committees appointed by the Select Board, local agencies or non-profit organizations of which you or a member of your immediate family are current members.
 1. I am the Director of a home care and care management agency- Best of Care & TUCKed In Eldercare, serving the island community. Our office is located in the Residence of Sherburne Commons building.

- Are you or any member of your family employed by, or receive any financial consideration from, the Town of Nantucket?
 1. No



TOWN OF NANTUCKET
COMMITTEE INTEREST FORM/NEW APPLICANT

For Appointment by the Select Board

Please return this form to the Town Administration offices by the advertised due date.
Please call for date of the Public Hearing for applications review or refer to the Public Notice.

Name: ABIGAIL CAMP (ABBY)

Home Phone: 617 723 6496

Mailing

Address: 27 LILY ST, NANTUCKET, MA

Alternate Phone:

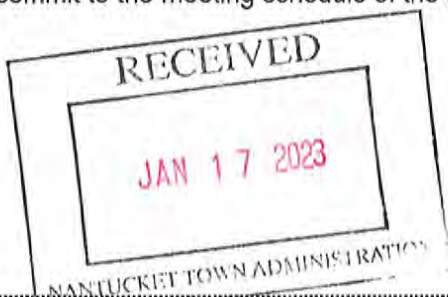
Email Address: abigailcamp@comcast.net

Date Submitted: 1/1/23

REQUESTING APPOINTMENT TO: Volunteer position for

Reasons for Committee Interest

- Have you ever attended a meeting of the committee/board/commission? NO
- Why are you interested in this committee/board/commission? I feel I could help older community
- Are you prepared to commit to the meeting schedule of the committee/board/commission? YES!



Relevant Experience I am 73 and know the needs of the older community.

- What experience, skills or insight would you bring to the committee/board/commission?
- What would you hope to accomplish on the committee/board/commission?

I would be a good advocate for our elders needs, Find out what our elders need most - Nutrition, Exercise, access to healthcare? In general, I would hope to help the elderly enjoy ^{their} lives and live lives of quality.

Potential Conflicts of Interest

- Please list any committees appointed by the Select Board, local agencies or non-profit organizations of which you or a member of your immediate family are current members.

I preside on the HDC Board 4th term,

- My daughter is a Physical Therapist and lives on island.
- Are you or any member of your family employed by, or receive any financial consideration from, the Town of Nantucket? NO

NANTUCKET SELECT BOARD

Policy Statement and Procedures for Appointments to Committees, Commissions, Boards Adopted: May 19, 2021

BASIC GOAL

To encourage active citizen participation and involvement in local government affairs by encouraging local residents with expertise, skills, interest, and energy to seek appointment to the Town's Committees, Boards and Commissions. And, to expand the Town's outreach to its citizens to ensure that we engage as many diverse perspectives as possible to build and encourage awareness, understanding and appreciation through a lens of diversity, equity and inclusion.

POLICIES IN SUPPORT OF THE BASIC GOAL

- A. The Town will maintain a recruiting system, known as the Volunteer Talent Bank (Talent Bank), to find and appoint interested local residents who are best qualified by education, training and experience to contribute effectively to the work of the committee, commission or board. To the extent practical, the Select Board shall announce its intention to meet candidates for appointment and allow them to introduce themselves and review their applications no less than two weeks in advance of appointments.
- B. When an announcement is made by the Board regarding any vacancies, the Board will require that applicants file a Committee Appointment application. Following a public meeting with the applicant(s) at which the Board may ask questions, and/or the applicant may ask questions, a candidate shall be selected in accordance with the following procedure:

RECOMMENDED VOTING PROCEDURES FOR ANNUAL APPOINTMENTS

- 1. The Board reviews a list of openings for annual appointments with a committee appointment timeline in early April.
- 2. In mid-April, members of committees, commissions, boards whose terms are expiring are notified and asked if they would like to apply for reappointment. Incumbent Committee Interest Forms are mailed to all of these members and they are asked to respond in writing to indicate if they request re-appointment, or not. Incumbents need to meet the same deadlines as listed on the committee appointment timeline.
- 3. Annual committee openings are advertised in the local newspaper for four weeks, as well as on the Town website. Additionally, the openings are announced at the Board's weekly meetings starting in mid-April through the end of May.
- 4. Applications will be accepted only by the deadlines outlined in the annual Committee Appointments Timeline for all committees, commission and boards.

5. The Select Board holds two meetings to allow applicants to address the Board and review their applications.
6. Committee appointments are made at the last Select Board meeting of June, which date shall be at least one week after the names and applications of all applicants have been made public.
 - a. At this meeting, the Select Board may appoint, by majority vote, a candidate to fill any seat. Or, the Select Board, at its discretion, may elect to use a paper ballot voting procedure, or vote by e-mail if the Select Board meeting is held virtually.
 - b. The Chair shall ask Board members to submit their written choices for appointment (or to e-mail their choices for appointment to Town Administration in real time if meeting virtually). Each Board member writes their own name on a slip of paper, and then writes down their vote for the applicant(s) and passes their paper ballot directly to the Chair without other members viewing the ballot.
 - c. The Chair reads the paper ballot votes and notes which Board member cast the votes. If meeting virtually, Town Administration staff will read the results into the record, and after announcing how each Board member votes, staff will ask that Board members verbally confirm their votes.
 - d. The candidate(s) with the majority of votes will be appointed.
 - e. Any committee seats not filled will continue to be posted on the Town website and routinely advertised as vacant.

At its discretion, the Select Board may appoint a candidate to any Commission, Committee or Board even if the candidate is not present for the meeting.

RECOMMENDED VOTING PROCEDURES FOR VACANCIES THROUGHOUT THE YEAR

The Board's intent to fill vacancies will be noted on its regular meeting agenda for at least two weeks and applications of prospective candidates will be included in the Board's agenda packet to allow the Board and the public to review the prospective candidates' credentials. The vacancy will also be advertised in the Inquirer & Mirror for a minimum of two weeks as well as on the Town's website. Applications will be accepted only by a certain deadline for all committees, commission and boards.

1. Immediately following a meeting with candidates for appointment, the Select Board may appoint, by majority vote, a candidate to fill any vacancy. Or, the Select Board, at its discretion, may elect to use a paper ballot voting procedure, or vote by e-mail if the Select Board meeting is held virtually.
2. Immediately following a meeting with candidates for appointment, the Chair shall ask

Board members to submit their written choices for appointment (or to e-mail their choices for appointment to Town Administration in real time if meeting virtually). Each Board member writes their own name on a slip of paper, and then writes down their vote for the applicant(s) and passes their paper ballot directly to the Chair without other members viewing the ballot.

3. The Chair reads the paper ballot votes and notes which Board member cast the votes. If meeting virtually, Town Administration staff will read the results into the record, and after announcing how each Board member votes, staff will ask that Board members verbally confirm their votes.
4. The candidate(s) with the majority of votes will be appointed.

At its discretion, the Select Board may appoint a candidate to any Commission, Committee or Board even if the candidate is not present for the meeting.

ADMINISTRATION OF THE VOLUNTEER TALENT BANK

The Town Administration office shall be responsible for the Talent Bank data and all administrative materials, records and processes.

PUBLIC INPUT REGARDING CANDIDATES FOR APPOINTMENT

Any citizen may convey their support or objection of an individual's appointment/ reappointment through written notice to the Town Manager's Office. Town Administration shall forward any written comments concerning appointments/reappointments to the Select Board and to the person cited.

This policy may be amended by the Select Board at any time.



TOWN OF NANTUCKET

*Quarterly Financial Report
Second Fiscal Quarter Ended
December 31, 2022*



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Financial Highlights

General Fund Revenues

Second quarter General Fund ⁽¹⁾ revenues were \$29.3M, representing a \$1.47M decrease over the same period last year. Real Estate Taxes collected were down \$1,638,128 (-8%) and Personal Property Taxes collected were up \$54,528 (+11%). In the local receipts category, Local Rooms Tax decreased \$577K (-10%) and Local Meals Tax increased \$100K (+16%) compared to Q2/FY22. Motor Vehicle Excise Tax decreased over the same period last year ending in \$215,312 (-16%). Revenue from Fees & Rentals had no change, when compared to the second quarter of FY2022. Licenses & Permits decreased with \$87,203 (-15%) this quarter. Fines & Forfeits revenue collected doubled over the same quarter in FY2022. Investment income increased with \$328,467. Other Departmental Revenue increased as well over Q2/FY22 with \$78,703. The Revenue collected ended the quarter at 55% of the estimated budgeted revenue for the year.

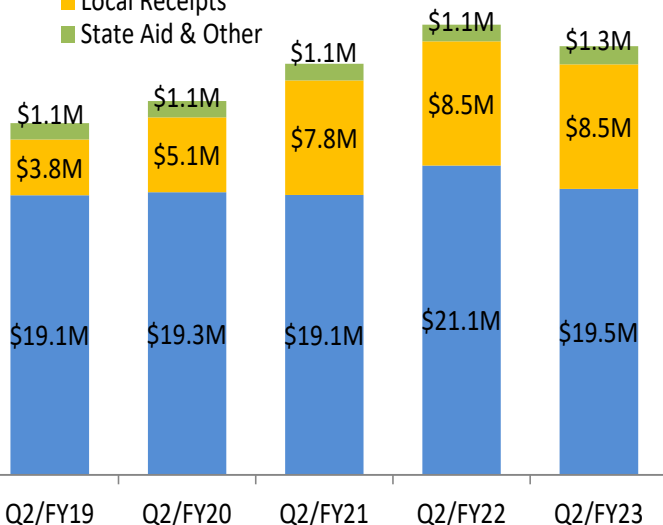
General Fund Expenses

General Fund expenses ended the quarter at \$25,847,654 with decrease of \$3,474,867 (-12%) over the same quarter in FY2022, when we ended at \$29,322,521. The main reason behind the significant decrease is the Retirement Assessment, last year it was paid in Q2. General Government expenses increased by \$700,653 (+28%). School spending increased \$155K (+2%) over the same period last year. Safety & Protection expenses were up as well with \$108K (+4%). Marine & Coastal Resources decreased \$14K (-8%) compared to Q2/FY22. There was an increase in Maintenance of \$89,338 (+8%), the main drivers are Public Works and the new established division of Parks & Rec. Health & Human Services were up \$57K (+18%) over the same quarter last year. Debt Service Principal and Debt Service Interest increased as well with +1% and +56%, respectively. Overall, the General Fund Expenses ended the quarter at 51% of the Annual Budget.

Second Quarter General Fund Revenues

5-Yr History
(in millions of dollars)

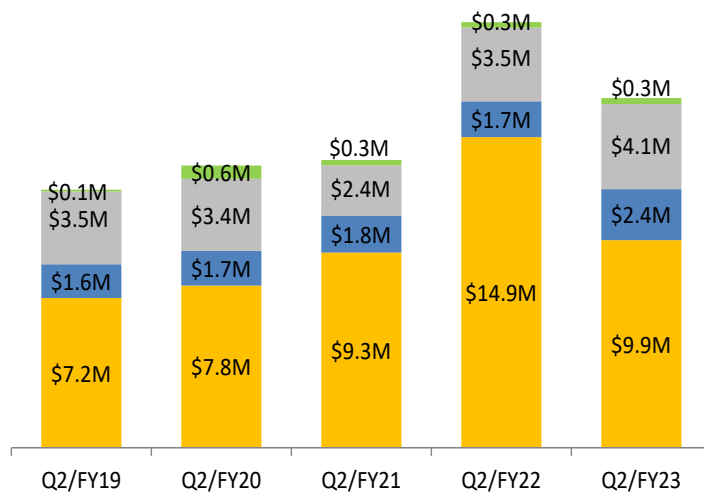
Real Estate & Property Taxes
Local Receipts
State Aid & Other



Second Quarter General Fund Expenditures ⁽²⁾

5-Yr History
(in millions of dollars)

Salaries & Benefits
Debt Service
Operational Expenses
Transfers & Other Sources



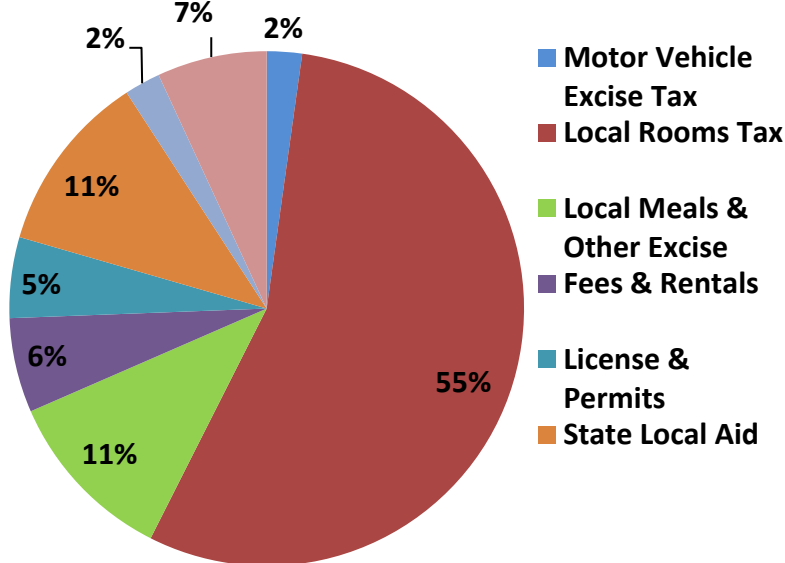
(1) General Fund: general government, safety & protection, marine department, maintenance, human services, culture & recreation, and contractual obligations.

General Fund Revenues

Where does the money come from?

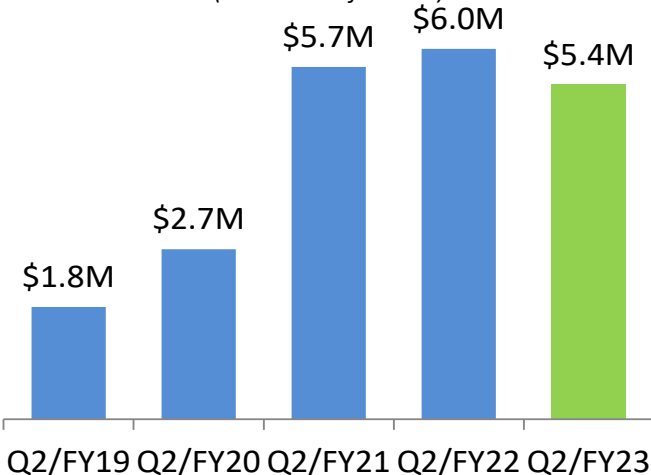
General Fund Revenues ⁽¹⁾

For Fiscal Quarter Ended December 31, 2022



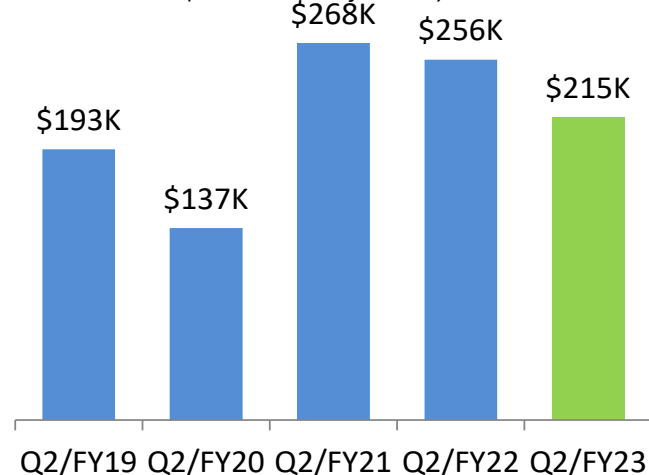
Second Quarter Rooms Tax

(in millions of dollars)



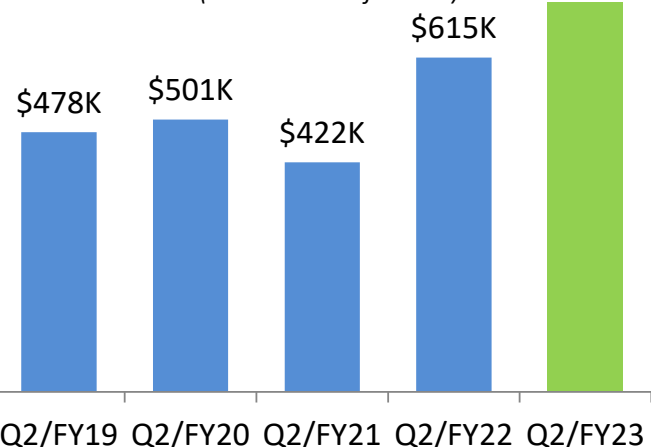
Second Quarter Motor Vehicle Excise Tax

(in thousands of dollars)



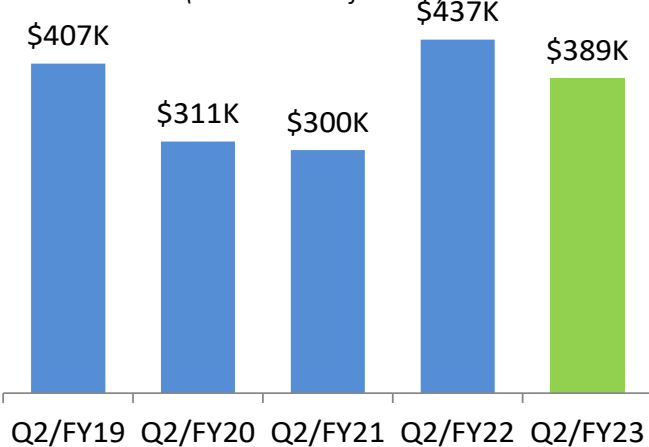
First Quarter Meals Tax

(in thousands of dollars)



First Quarter Building Permits

(in thousands of dollars)



⁽¹⁾ Excludes real estate and personal property tax revenue

General Fund Revenues

Results for most recent quarter

	Quarter Ended Dec 31		QTR/QTR		FY2023 Budget
	FY2023	FY2022	% Change	\$ Change	Quarter
Real Estate Taxes	\$ 18,987,525	\$ 20,625,653	(8%)	\$ (1,638,128)	\$ 24,526,162
Personal Property Taxes	535,064	480,536	11%	54,528	623,208
Excise Taxes					
Motor Vehicle Excise Tax	215,312	256,493	(16%)	(41,181)	725,000
Local Rooms Tax	5,382,711	5,959,387	(10%)	(576,676)	2,437,500
Local Meals Tax	715,577	615,097	16%	100,480	237,500
Other - Includes Penalties & Interest	358,273	257,509	39%	100,764	192,174
Subtotal - Excise Taxes	6,671,873	7,088,486	(6%)	(416,613)	3,592,174
Charges for Services	13,024	18,023	(28%)	(4,999)	12,563
Fees & Rentals					
Planning Board Filing Fees	16,993	11,522	47%	5,471	31,250
Plumbing & Wiring Inspection Fees	138,600	114,305	21%	24,295	92,000
HDC Filing Fees	46,389	76,681	(40%)	(30,291)	88,575
Concession Rental Fees	142,441	126,662	12%	15,779	43,653
Marine Moorings & Docking Fees	151,590	158,915	(5%)	(7,325)	51,813
Other	82,646	90,954	(9%)	(8,308)	111,460
Subtotal - Fees & Rentals	578,660	579,038	(0%)	(378)	418,750
License & Permits					
Building Permits	388,809	437,167	(11%)	(48,358)	260,246
Liquor Licenses	58,600	86,250	(32%)	(27,650)	54,750
Other	47,172	58,367	(19%)	(11,195)	60,350
Subtotal - License & Permits	494,581	581,784	(15%)	(87,203)	375,346
State Local Aid					
School Aid	989,343	912,534	8%	76,809	989,343
Other	117,698	87,427	35%	30,271	83,577
Subtotal - State Local Aid	1,107,041	999,961	11%	107,080	1,072,920
Fines & Forfeits					
Parking Fines	208,529	100,762	107%	107,767	68,250
Other	11,900	6,745	76%	5,155	6,750
Subtotal - Fines & Forfeits	220,429	107,507	105%	112,922	75,000
Investment Income	383,833	55,366	593%	328,467	56,250
Other Departmental Revenue					
Town Gas Sales	18,842	11,844	59%	6,998	13,500
Off Duty Police and Fire Personnel	31,362	26,460	19%	4,902	22,875
Other Departmental Revenue	79,640	12,837	520%	66,803	76,125
Subtotal - Other Dept'l Revenue	129,844	51,141	154%	78,703	112,500
Miscellaneous			na	-	-
Transfer & Other Sources					
Debt Premium	-	-	na	-	-
Indirect Costs	145,575	145,575	-	-	145,575
Other	-	-	na	-	-
Subtotal - Transfer & Other Sources	145,575	145,575	-	-	145,575
Total General Fund Revenue	\$ 29,267,448	\$ 30,733,070	(5%)	\$ (1,465,623)	\$ 31,010,448

General Fund Revenues

Results for 6 Months Ended December 31, 2022

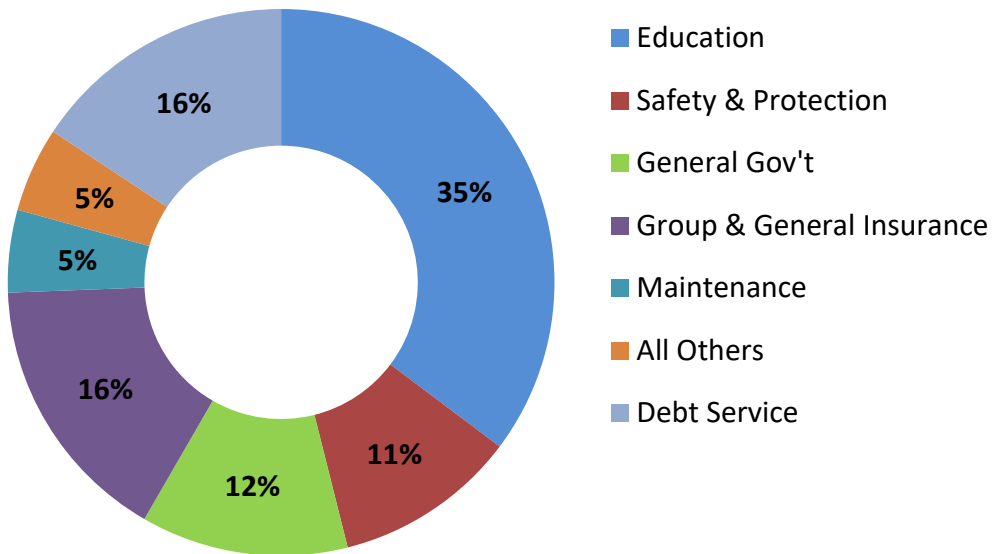
	Six Months Ended Dec 31		YTD/YTD		FY2023	% of
	FY2023	FY2022	% Change	\$ Change	Budget	Budget
Real Estate Taxes	\$ 45,926,511	\$ 44,701,700	3%	\$ 1,224,812	\$ 98,104,649	47%
Personal Property Taxes	1,232,519	1,072,870	15%	159,649	2,492,834	49%
Excise Taxes						
Motor Vehicle Excise Tax	645,684	893,048	(28%)	(247,364)	2,900,000	22%
Local Rooms Tax	12,129,447	11,377,166	7%	752,280	9,750,000	124%
Local Meals Tax	1,368,182	1,219,122	12%	149,060	950,000	144%
Other - Includes Penalties & Interest	574,563	569,308	1%	5,256	768,695	75%
Subtotal - Excise Taxes	14,717,876	14,058,644	5%	659,232	14,368,695	102%
Charges for Services	55,463	56,463	(2%)	(1,000)	50,250	110%
Fees & Rentals						
Planning Board Filing Fees	32,843	32,437	1%	406	125,000	26%
Plumbing & Wiring Inspection Fees	245,645	213,895	15%	31,750	368,000	67%
HDC Filing Fees	127,380	156,180	(18%)	(28,800)	354,300	36%
Concession Rental Fees	326,441	210,592	55%	115,849	174,610	187%
Marine Moorings & Docking Fees	168,894	176,130	(4%)	(7,236)	207,250	81%
Other	255,330	249,860	2%	5,470	445,840	57%
Subtotal - Fees & Rentals	1,156,533	1,039,094	11%	117,439	1,675,000	69%
License & Permits						
Building Permits	690,153	734,768	(6%)	(44,615)	1,040,982	66%
Liquor Licenses	77,250	98,250	(21%)	(21,000)	219,000	35%
Other	109,945	117,418	(6%)	(7,473)	241,400	46%
Subtotal - License & Permits	877,347	950,435	(8%)	(73,088)	1,501,382	58%
State Local Aid						
School Aid	1,978,686	1,825,068	8%	153,618	3,957,373	50%
Other	248,869	111,315	124%	137,555	334,308	74%
Subtotal - State Local Aid	2,227,555	1,936,383	15%	291,173	4,291,681	52%
Fines & Forfeits						
Parking Fines	297,622	279,160	7%	107,767	273,000	109%
Other	18,325	18,345	(0%)	5,155	27,000	68%
Subtotal - Fines & Forfeits	315,947	297,505	6%	18,443	300,000	105%
Investment Income	581,082	104,964	454%	476,118	225,000	258%
Other Departmental Revenue						
Town Gas Sales	43,916	28,984	52%	14,932	54,000	81%
Off Duty Police and Fire Personnel	69,578	40,277	73%	29,301	91,500	76%
Other Departmental Revenue	188,723	200,432	(6%)	(11,709)	304,500	62%
Subtotal - Other Dept'l Revenue	302,217	269,693	12%	32,524	450,000	67%
Miscellaneous			na	-		na
Transfer & Other Sources						
Debt Premium	-	-	na	-	-	na
Indirect Costs	291,150	291,150	-	-	582,300	50%
Other	-	-	na	-	-	na
Subtotal - Transfer & Other Sources	291,150	291,150	-	-	582,300	50%
Total General Fund Revenue	\$ 67,684,201	\$ 64,778,900	4%	\$ 2,905,301	\$ 124,041,791	55%

General Fund Expenses

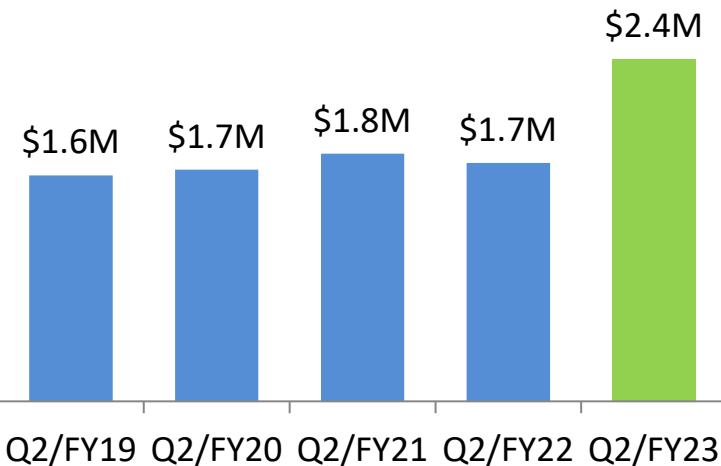
Where does the money go?

General Fund Expenses

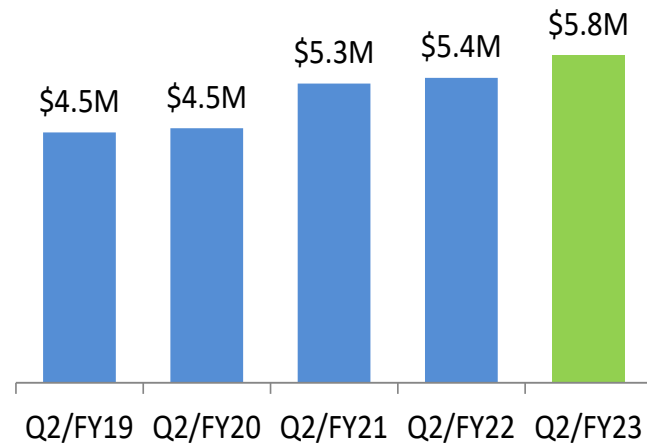
For Fiscal Quarter Ended December 31, 2022



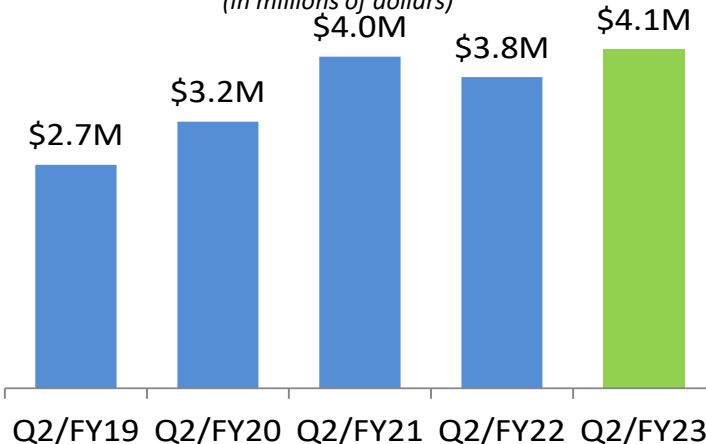
Second Quarter Operational Expenses ⁽¹⁾ (in millions of dollars)



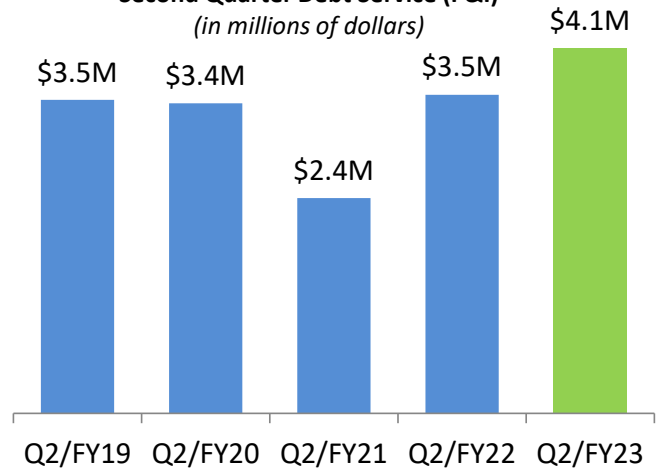
Second Quarter Salary Expenses ⁽²⁾ (in millions of dollars)



Second Quarter Health & Other Group Insurance (in millions of dollars)



Second Quarter Debt Service (P&I) (in millions of dollars)



⁽¹⁾ Excludes Debt Service, Transfers and State Assessments, which are subject to timing differences

⁽²⁾ Excludes Health Insurance & Other Group Insurance, Pension Costs and Contractual Obligations.

General Fund Expenses

Results for most recent quarter

	Quarter Ended Dec 31		QTR/QTR		FY2023 Budget
	FY2023	FY2022	% Change	\$ Change	Quarter
General Government					
Finance Committee	\$ 61	\$ -	na	\$ 61	\$ 4,670
Finance & Operations	660,597	586,922	13%	73,675	634,709
Human Resources	157,500	116,623	35%	40,876	154,540
Information Systems / GIS	380,802	500,826	(24%)	(120,024)	427,758
Legal / Town Counsel	125,405	78,427	60%	46,977	113,008
Moderator	-	-	na	-	421
Planning & Land Use Services	731,068	495,997	47%	235,071	583,606
Town Administration	671,367	363,562	85%	307,805	580,975
Housing Office	59,068	32,412	82%	26,656	370,032
Natural Resources	271,128	209,523	29%	61,605	290,757
Town Clerk	110,561	82,612	34%	27,949	91,945
Subtotal	\$ 3,167,557	\$ 2,466,903	28%	\$ 700,653	\$ 3,252,420
Safety & Protection					
Emergency Management	\$ -	\$ 3,633	(100%)	(3,633)	2,000
Fire Department	976,497	804,632	21%	171,866	826,898
Police & Animal Control	1,791,598	1,852,149	(3%)	(60,551)	1,981,601
Street Lighting	29,751	29,177	2%	574	41,250
Subtotal	\$ 2,797,846	\$ 2,689,590	4%	\$ 108,256	\$ 2,851,749
Marine & Coastal Resources					
Marine Department	\$ 160,174	\$ 174,111	(8%)	(13,937)	271,284
Subtotal	\$ 160,174	\$ 174,111	(8%)	\$ (13,937)	\$ 271,284
Maintenance					
Gas / Town Vehicles	\$ 57,307	\$ 70,456	(19%)	(13,149)	93,750
Mosquito Control	-	46,500	(100%)	(46,500)	44,258
Public Buildings	272,464	343,304	(21%)	(70,840)	321,395
Public Works	790,412	708,598	12%	81,814	902,758
Park & Rec	124,450	-	na	124,450	87,883
Snow & Ice Removal	16,985	3,421	396%	13,564	20,650
Subtotal	\$ 1,261,617	\$ 1,172,279	8%	\$ 89,338	\$ 1,470,695
Health & Human Services					
Health & Human Services	\$ 363,219	\$ 306,534	18%	56,685	358,421
Subtotal	\$ 363,219	\$ 306,534	18%	\$ 56,685	\$ 358,421
Culture & Recreation					
Atheneum	\$ 392,619	\$ 191,521	105%	201,097	196,309
Town Clock	1,781	1,718	4%	63	1,175
Visitor Services	80,043	77,047	4%	2,996	121,768
Subtotal	\$ 474,443	\$ 270,286	76%	\$ 204,157	\$ 319,253
Other Expenditures					
Debt Service Principal	\$ 2,671,200	\$ 2,651,075	1%	20,125	1,821,043
Debt Service Interest	1,387,413	891,819	56%	495,594	976,325
Group Insurance	4,094,801	3,762,391	9%	332,409	4,108,220
General Insurance	56,402	58,318	(3%)	(1,916)	737,977
Retirement Assessment	-	5,666,710	(100%)	(5,666,710)	1,574,792
Cherry Sheet Assessments	299,534	254,092	18%	45,442	293,601
Contractual Obligations	-	-	na	-	113,750
Intergovernmental-SWEF	-	-	na	-	2,011,577
Intergovernmental-OIH	-	-	na	-	1,281,250
Intergovernmental-Cumm School	-	-	na	-	137,500
Education	9,113,449	8,958,412	2%	155,037	8,606,747
Subtotal	\$17,622,798	\$22,242,817	(21%)	\$ (4,620,019)	\$ 21,662,781
Total General Fund Expenses	\$25,847,654	\$29,322,521	(12%)	\$ (3,474,867)	\$ 30,186,602

General Fund Expenses

Results for 6 Months Ended December 31, 2022

	Six Months Ended Dec 31		YTD/YTD		FY23 Budget	% of
	FY2023	FY2022	% Change	\$ Change	Annual	Budge
General Government						
Finance Committee	\$ 245	\$ 180	36%	\$ 65	\$ 18,680	1%
Finance & Operations	1,166,016	1,028,173	13%	137,844	2,538,837	46%
Human Resources	313,520	205,235	53%	108,285	618,159	51%
Information Systems / GIS	929,869	766,254	21%	163,615	1,711,030	54%
Legal / Town Counsel	237,793	145,348	64%	92,445	452,032	53%
Moderator	-	-	na	-	1,683	-
Planning & Land Use Services	1,184,026	879,551	35%	304,475	2,334,424	51%
Town Administration	1,118,784	719,495	55%	399,289	2,323,902	48%
Housing Office	102,938	32,412	218%	70,526	1,480,127	7%
Natural Resources	504,033	400,048	26%	103,985	1,163,029	43%
Town Clerk	178,774	188,244	(5%)	(9,469)	367,778	49%
Subtotal	\$ 5,735,998	\$ 4,364,938	31%	\$1,371,060	\$ 13,009,680	44%
Safety & Protection						
Emergency Management	\$ -	\$ 3,633	(100%)	(3,633)	8,000	-
Fire Department	1,815,163	1,508,714	20%	306,449	3,307,592	55%
Police & Animal Control	3,418,735	3,226,291	6%	192,445	7,926,403	43%
Street Lighting	47,934	47,409	1%	525	165,000	29%
Subtotal	\$ 5,281,833	\$ 4,786,046	10%	\$ 495,787	\$ 11,406,995	46%
Marine & Coastal Resources						
Marine Department	\$ 894,798	\$ 731,338	22%	163,460	1,085,137	82%
Subtotal	\$ 894,798	\$ 731,338	22%	\$ 163,460	\$ 1,085,137	82%
Maintenance						
Gas / Town Vehicles	\$ 135,719	\$ 126,157	8%	9,562	375,000	36%
Mosquito Control	-	69,500	(100%)	(69,500)	177,032	-
Public Buildings	575,975	442,336	30%	133,639	1,285,581	45%
Public Works	1,446,674	1,170,616	24%	276,058	3,611,032	40%
Park & Rec	176,679	-	na	176,679	351,534	50%
Snow & Ice Removal	17,365	5,195	234%	12,169	82,600	21%
Subtotal	\$ 2,352,412	\$ 1,813,804	30%	\$ 538,608	\$ 5,882,779	40%
Health & Human Services						
Health & Human Services	\$ 606,894	\$ 557,947	9%	48,947	1,433,684	42%
Subtotal	\$ 606,894	\$ 557,947	9%	\$ 48,947	\$ 1,433,684	42%
Culture & Recreation						
Atheneum	\$ 588,928	\$ 383,043	54%	205,885	785,237	75%
Town Clock	1,906	1,861	2%	44	4,700	41%
Visitor Services	252,213	165,374	53%	86,839	487,074	52%
Subtotal	\$ 843,046	\$ 550,278	53%	\$ 292,769	\$ 1,277,011	66%
Other Expenditures						
Debt Service Principal	\$ 6,916,227	\$ 5,778,112	20%	1,138,116	7,284,172	95%
Debt Service Interest	2,314,385	1,886,725	23%	427,661	3,905,298	59%
Group Insurance	6,777,425	5,933,668	14%	843,757	16,432,879	41%
General Insurance	2,157,615	1,928,582	12%	229,032	2,951,910	73%
Retirement Assessment	-	5,666,710	(100%)	(5,666,710)	6,299,169	-
Cherry Sheet Assessments	602,844	434,219	39%	168,625	1,174,402	51%
Contractual Obligations	-	-	na	-	455,000	-
Intergovernmental-SWEF	8,046,306	6,502,995	24%	1,543,311	8,046,306	100%
Intergovernmental-OIH	5,125,000	5,000,000	2%	125,000	5,125,000	100%
Intergovernmental-Cumm School	550,000	500,000	10%	50,000	550,000	100%
Education	13,198,151	\$12,888,967	2%	309,184	34,426,987	38%
Subtotal	\$ 45,687,953	\$46,519,978	(2%)	\$ (832,025)	\$ 86,651,123	53%
Total General Fund Expenses	\$ 61,402,935	\$59,324,328	4%	\$2,078,606	\$ 120,746,408	51%

Capital Investments

Maintaining and improving the infrastructure

FY2023 YTD Top 15 Capital Projects

Expenditures for Six Months Ended December 31, 2022

ACCOUNT DESCRIPTION	YTD EXPENDED
A19'23 10-12 WASHINGTON ST	4,750,000.00
A15'23 SCHOOL ATHLETIC FACILIT	3,633,371.28
A10'23 ROAD IMPROVEMENTS	1,250,316.10
A13'20 IMPROVE TOWN PIER	920,177.42
A10'22 CAMPUS IMPROVE PLAN	767,044.05
A10'22 REPLACE ENGINE #4	625,130.00
A10'20 INFRA 6FG&WAITT	429,493.41
A10'22 SIDEWALK IMPROVEMENT PR	393,395.97
A10'22 REPAIR F ST BULKHEAD	357,291.67
A10/'19 6FG AREA IMPROVEMENTS	230,743.32
A10'20 BAXTER RD RELOCATION	179,134.00
A10'22 LORAN SEWER CONNECTION	157,047.50
A18/'19 IMPROVE STMWATER SYS	151,254.25
A11/2016 FIRE STATION	136,101.92
A10'23 NPS ROOF REPLACEMENT	120,000.00

Financing Activity

How much do we owe?

The Town's Credit Rating

- External credit ratings have a direct influence on the Town's ability to:
 - Minimize borrowing costs
 - Successfully borrow funds to complete the improvement and construction of long-term assets and the Town's infrastructure
- In October 2018, Moody's affirmed the Town's rating of AAA the highest rating on the municipal credit rating scale - and reaffirmed a positive outlook.
- In October 2016, Standard & Poor's initiated coverage on the Town of Nantucket's general obligation debt in a report establishing a AA rating. There has been no new rating since this initial report.

Type of Bond Issued	Moody's Rating	Standard & Poor's Rating
General Obligation	AAA	AA

Investment Report

How safe is our money?

Equity Markets - Review

In the final quarter of the Fiscal Year, U.S. Equity markets continued an impressive run higher.

Recent market momentum was based off additional economic stimulus and the expectation for economic recovery.

During the quarter, GDP, unemployment and corporate earnings data showed the recovery had arrived.

Overall for the quarter the S&P 500 returned 8.4%. The 21 Legal List stocks returned 3.1%.

Fixed Income - Review

During this recovery, one ongoing area of concern for investors has been the risk of rising inflation, which increased significantly throughout the quarter.

The Fed has acknowledged recent inflationary data and is continuing to adjust their outlook for future interest rate policy.

Ironically, while short-term interest rates have risen, the longer-term 10 Year Treasury rate has actually fallen since March.

The 10 Year Treasury ended the fiscal year at 1.44% as of June 30th.

Strategy Outlook

As we've seen throughout the Fiscal Year, portfolios with an allocation to Equities benefited from the continued economic recovery. We continue to favor making allocations to Legal List equities for Long Term funds.

Although we saw the 10 Year Treasury rate fall throughout the final quarter, our expectation is for rates to resume their trend higher driven by continued economic improvement, inflationary pressure and eventual changes in the Fed's interest rate outlook.

Advisory Fees - 4/1/2021 – 6/30/2021

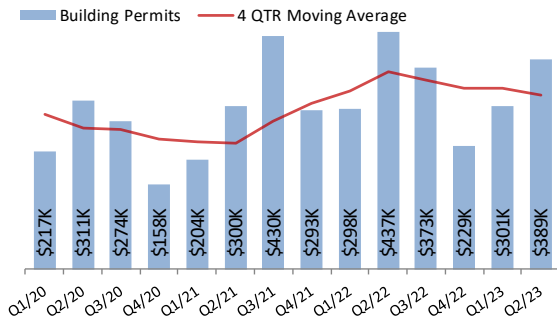
- Pooled Trust: \$7,589.08
- OPEB: \$3,104.14
- Airport Stab: \$109.13

Outlook

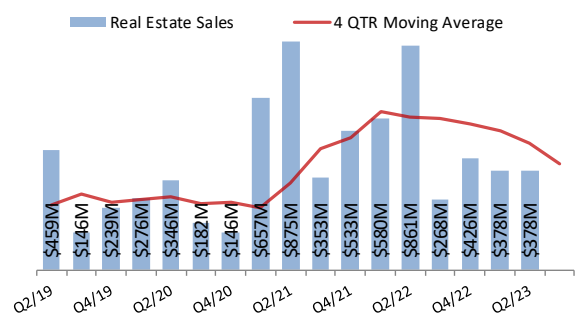
The Muni Watch as of December 31, 2022

Local Receipts	Periods based on fiscal calendar ⁽¹⁾				Trend ⁽²⁾		Details
	Last Qtr	Qtr/Qtr	LTM	Yr/Yr	3-Mo	LTM	
Building Permits	\$388,809	(11%)	\$1.3M	(11%)			<i>For Local Receipts categories:</i> - Green if trend is 5% or above - Yellow if trend is between +5% and -10% - Red if trend is below -10%
Rooms Tax	\$5,382,711	(10%)	\$13.3M	8%			
Meals Tax	\$715,577	16%	\$1.6M	16%			
Motor Excise Tax	\$215,312	(16%)	\$4.0M	9%			
Local Indicators (3)							
Real Estate - Sales (\$M)	\$561M	(35%)	\$1,634M	(30%)			<i>Real Estate categories:</i> - Green if trend ≥ 0%, Yellow if between 0% and -10%, Red if trend is < 10%
Real Estate - Transactions	138	(39%)	440	(41%)			
GA Airport Landings ⁽⁴⁾	4,736	(13%)	20,204	(5%)			<i>Airport:</i> Private aircraft activity. Green if trend ≥ 5%, Yellow if 0% to 5%, Red if < 0%
Nat'l Leading Indicators	Current	3-Mo	12-Mo		3-Mo	LTM	
LIBOR T-Bill Yield Spread	0.52	0.01	0.11%				- Difference between 3mth LIBOR & 3 mth treasury bill (< 0.5% signals stability).
Sr Loan Officer Survey	39.10	24.20	-18.20%				- Fed Reserve: % of loan officers seeing loan standards tightening for med/large firms (< 10% is positive).
S&P 500 Performance	3,840	3,586	4,765				- S&P 500 index as proxy of performance of risky equity assets. Level > 1950 is positive.
Weekly Initial Claims	214,250	206,500	220,750				- 4-wk average of unemployment insurance initial claims, < 300,000 is positive.

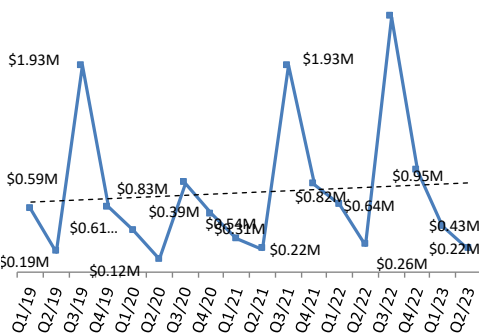
Building Permits - Historicals and Moving Average



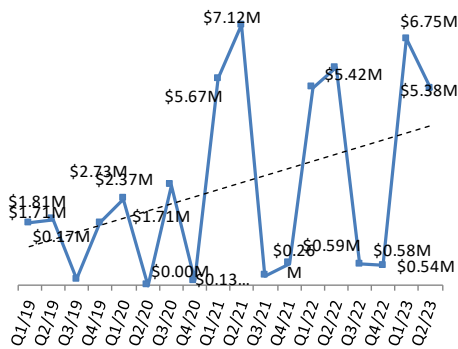
Real Estate Sales - Historicals and Moving Average



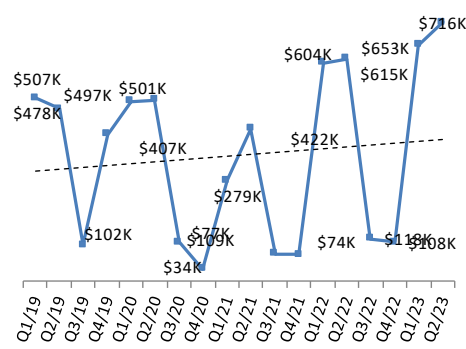
Motor Excise Tax (in millions)



Rooms Tax (in millions)



Meals Tax (in thousands)





Our Island Home Enterprise Fund

Quarterly Financial Report

Second Fiscal Quarter

Ended December 31, 2022



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Our Island Home Financial Highlights

Our Island Home Revenues

Total revenue for the second quarter of FY2023 was \$991,481, representing a \$157,450 (+19%) increase over the second quarter of last year. The main drivers behind the increase are Medicaid Patient Revenue and Medicare Revenue with \$75,814 (+22%) and 57,610 (+79%), respectively. Secondary Insurance revenue decreased with \$19,025 (-69%) over Q2/FY22. The Total Revenue collected without General Fund Subsidy and Encumbrance Carryforwards ended the quarter at 112% of the estimated budgeted revenue for the year.

Our Island Home Expenses

Total expenses for the second quarter of FY2023 were down \$661,587 (-27%) compared to the same quarter last fiscal year and represent 34% of annual budgeted expenses. The reason behind the significant decrease is Barnstable Retirement, last year it was paid in the second quarter. If we don't take into consideration the Barnstable Retirement the total of expenses had no change over Q2 in FY2022. Professional services increased with \$123,781 (+79%) over the same period last year. Utilities were up as well with \$12,127 (+38%). Salary expenses decreased by \$164,934 (-14%) over Q2/FY22. OIH continues to have some unfilled positions in various divisions.

Our Island Home Summary

TOWN OF NANTUCKET
OUR ISLAND HOME - ENTERPRISE FUND
Operating Revenue and Expenditures for Six Months Ended Dec 31, 2022

	Budget	Six Months Ended Dec 31		
	FY2023	FY2023	Actuals	FY2022 Actuals
Revenue	\$ 3,060,403	\$ 3,421,886		\$ 1,897,726
Expenses	9,722,517		3,331,963	3,754,783
Net Earnings	(6,662,114)		89,923	(1,857,056)
Transfer from Retained Earnings	1,216,191		1,216,191	
NET EARNINGS	\$ (5,445,923)	\$ 1,306,114		\$ (1,857,056)
Retained Earnings				
OTHER SOURCES/USES:				
General Fund Subsidy	\$ 5,125,000	\$ 5,125,000		\$ 5,000,000
Encumbrance Carryforwards	320,923		62,559	18,932
FinCom GF Reserve Fund Transfer	-		-	-
Surplus(Deficit) Including Debt Service and Other Financing Sources	\$ (0)	\$ 6,493,673		\$ 3,161,876

Certified Retained Earnings as of July 01, 2021	\$ 6,188,036
Plus: Current Surplus as of Dec 31, 2022	6,493,673
Less: Amount allocated at May 2, 2022 ATM, A21	(1,216,191)
Less: Amount allocated at May 2, 2022 ATM, A22	(145,000)
Less: Amount allocated at May 2, 2022 ATM, A23	(750,000)
Projected Balance as of Dec 31, 2022 ⁽¹⁾⁽²⁾	\$ 10,570,518

(1) Revenues remain a projection, until certified by the the Department of Revenue, therefore this is only a projection as of this point in time, until Retained Earnings go through the Certification process.

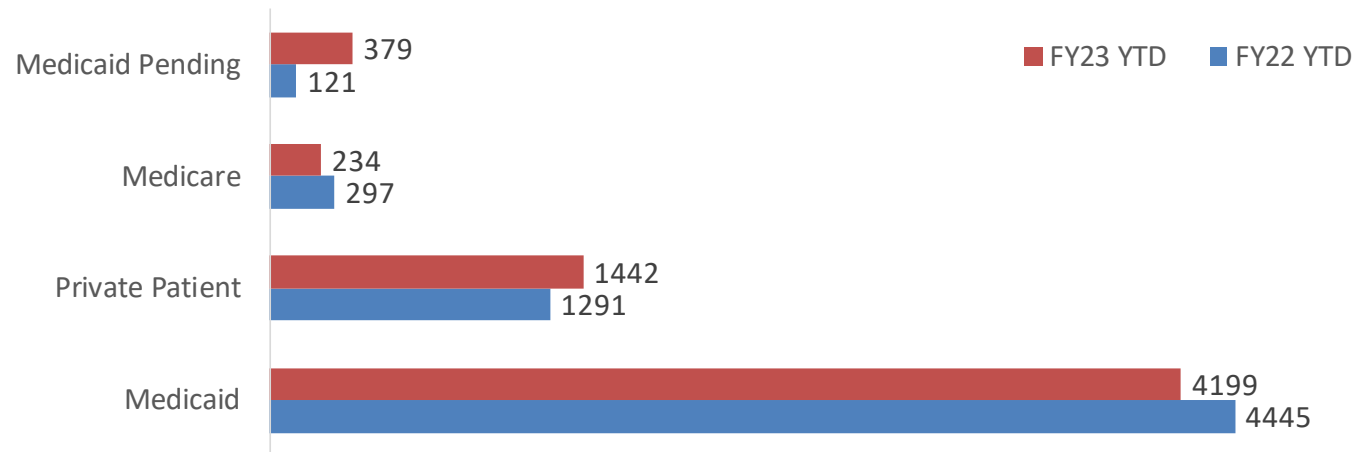
(2) Actual balance will be lower due to encumbrances that are carried forward

Our Island Home Revenues

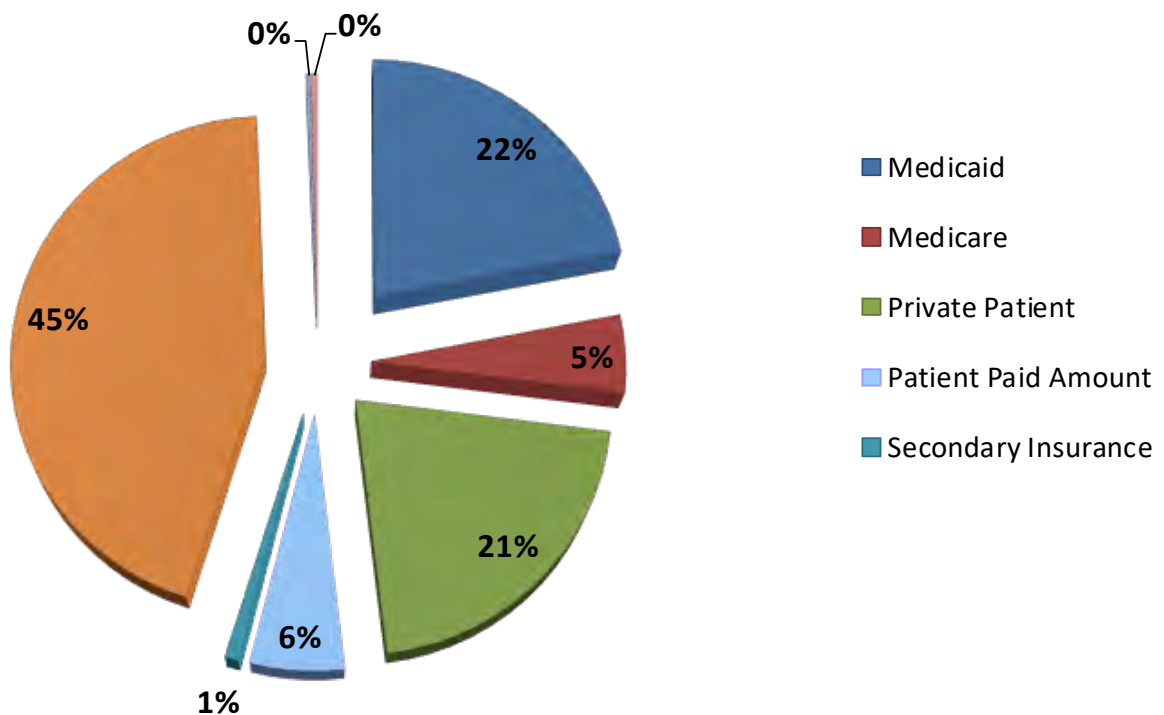
Where does the money come from?

Census Data Per Payor Source

YTD/YTD



FY2023 Revenue Breakdown - YTD Actuals





Our Island Home Revenues

Results for most recent quarter

OIH Revenue for Quarter Ended Dec 31, 2022

REVENUE	Quarter Ended Dec 31		QTR/QTR		FY2023 Budget	
	FY2023 Actuals	FY2022 Actuals	% Change	\$ Change	Quarter	
Medicaid Patient Revenue	\$ 413,022	\$ 337,208	22%	\$ 75,814	\$	273,214
Medicare Revenue	130,077	72,466	79%	57,610		112,140
Private Patient Income	324,457	306,131	6%	18,326		242,115
Patient Paid Amount	107,014	79,236	35%	27,778		125,036
Secondary Insurance	8,512	27,537	(69%)	(19,025)		12,596
Rental Fees	8,400	11,453	(27%)	(3,053)		-
Direct Care Staff Payments	-	-	na	-		-
Prior Year CPE Receipts	-	-	na	-		-
Bounced Checks	-	-	na	-		-
Interest Earned	-	-	na	-		-
Total Revenue*	\$ 991,481	\$ 834,031	19%	\$ 157,450	\$	765,101

OTHER FINANCING SOURCES	FY2023 Actuals	FY2022 Actuals	% Change	\$ Change		QTR Budget
General Fund Subsidy	\$ -	\$ -	na	-		-
Voted Use of Certified Retained Earnings - Operations	-	-	na	-		-
FinCom Transfer	-	-	na	-		-
FY2022 Encumbrance Carryforward	1,909	3,286	(42%)	(1,377)		-
Total Other Financing Sources	\$ 1,909	\$ 3,286	(42%)	\$ (1,377)	\$	-

TOTAL REVENUE AND OTHER FINANCIAL SOURCES	\$ 993,390	\$ 837,318	19%	\$ 156,072	\$	765,101
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Our Island Home Revenues

Results for 6 Months Ended December 31, 2022

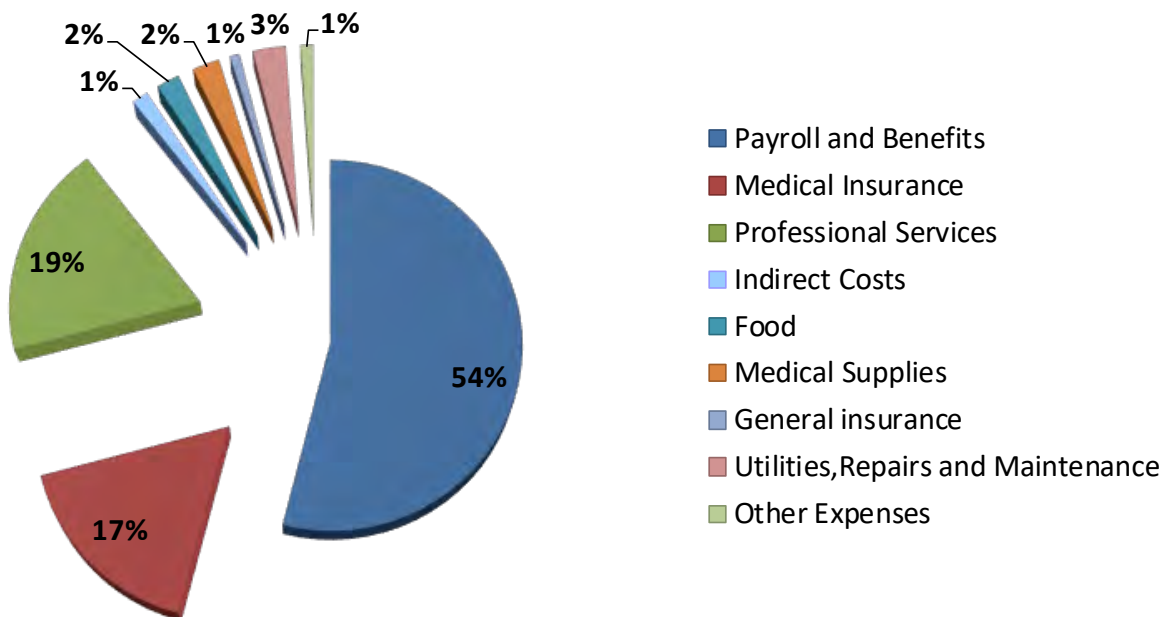
OIH Revenue for Six Months Ended Dec 31, 2022

REVENUE	Six Months Ended Dec 31		YTD/YTD		FY2023 Budget		% of Budget Used
	FY2023 Actuals	FY2022 Actuals	% Change	\$ Change	Annual w/ Carryfwd		
Medicaid Patient Revenue	\$ 750,834	\$ 738,493	2%	\$ 12,341	\$ 1,092,854		69%
Medicare Revenue	173,470	222,649	(22%)	(49,179)	448,561		39%
Private Patient Income	723,129	654,889	10%	68,239	968,460		75%
Patient Paid Amount	199,053	213,427	(7%)	(14,374)	500,143		40%
Secondary Insurance	29,149	49,664	(41%)	(20,516)	50,385		58%
Rental Fees	8,400	18,604	(55%)	(10,204)	-		na
Direct Care Staff Payments	14,087	-	na	14,087	-		na
Prior Year CPE Receipts	1,523,766	-	na	1,523,766	-		na
Bounced Checks	-	-	na	-	-		na
Interest Earned	-	-	na	-	-		na
Total Revenue*	\$ 3,421,886	\$ 1,897,726	80%	\$ 1,524,160	\$ 3,060,403		112%
OTHER FINANCING SOURCES							
	FY2023 Actuals	FY2022 Actuals	% Change	\$ Change	Annual Budget	Budget Used	
General Fund Subsidy	\$ 5,125,000	\$ 5,000,000	2%	\$ 125,000	\$ 5,125,000		100%
Voted Use of Certified Retained Earnings - Operations	-	-	na	-	-		na
FinCom Transfer	-	-	na	-	-		na
FY2022 Encumbrance Carryforward	62,559	18,932	230%	43,627	320,923		19%
Total Other Financing Sources	\$ 5,187,559	\$ 5,018,932	3%	\$ 168,627	\$ 5,445,923		95%
TOTAL REVENUE AND OTHER FINANCIAL SOURCES	\$ 8,609,445	\$ 6,916,658	24%	\$ 1,692,787	\$ 8,506,326		101%

Our Island Home Expenses

Where does the money go?

FY2023 Expenses Breakdown - YTD Actuals





Our Island Home Expenses

Results for most recent quarter

OIH Operating Expenses for Quarter Ended Dec 31, 2022

OPERATING EXPENSES WITHOUT DEBT	Quarter Ended Dec 31		QTR/QTR		FY2023 Budget
	FY2023 Actuals	FY2022 Actuals	% Change	\$ Change	Quarter
Payroll - Salary	\$ 1,006,642	\$ 1,171,576	(14%)	\$ (164,934)	\$ 1,263,807
Medicare P/R Tax Expense	14,009	16,369	(14%)	(2,360)	16,107
Medical Insurance	305,778	283,532	8%	22,245	349,712
Barnstable County Retirement	-	663,618	(100%)	(663,618)	173,580
Contractual Obligations	-	-	na	-	72,472
Utilities	44,190	32,063	38%	12,127	41,948
Repairs & Maintenance	9,502	22,323	(57%)	(12,821)	16,390
Food	31,538	27,343	15%	4,195	36,563
Professional Services	280,930	157,149	79%	123,781	279,828
Medical Supplies	43,223	32,346	34%	10,877	39,466
General Insurance	-	-	na	-	53,899
Other Supplies	15,729	9,606	64%	6,122	17,718
Indirect Costs	23,075	23,075	0%	0	23,075
Other	6,671	3,872	72%	2,799	46,065
Total Expenditures - Excluding Debt Service	\$ 1,781,287	\$ 2,442,874	(27%)	\$ (661,587)	\$ 2,430,629
DEBT SERVICE	FY2023 Actuals	FY2022 Actuals	% Change	\$ Change	QTR Budget
Principal	\$ -	\$ -	na	-	\$ -
Interest	-	13,861	(100%)	(13,861)	-
Issuance Costs	-	-	na	-	-
BAN Costs, Principal, Interest	-	-	na	-	-
Other	-	-	na	-	-
Total Debt Service	\$ -	\$ 13,861	(100%)	\$ (13,861)	\$ -
TOTAL OPERATING EXPENSES AND DEBT SERVICE	\$ 1,781,287	\$ 2,456,736	(27%)	\$ (675,448)	\$ 2,430,629



Our Island Home Expenses

Results for 6 Months Ended December 31, 2022

OIH Operating Expenses for Six Months Ended Dec 31, 2022

	Six Months Ended Dec 31		YTD/YTD		FY2023 Budget	% of Budget Used
OPERATING EXPENSES WITHOUT DEBT	FY2023 Actuals	FY2022 Actuals	% Change	\$ Change	Annual w/ Carryfwd	
Payroll - Salary \$	1,773,991	\$ 2,026,520	(12%)	\$ (252,529)	\$ 5,055,227	35%
Medicare P/R Tax Expense	24,651	28,283	(13%)	(3,631)	64,429	38%
Medical Insurance	561,543	492,897	14%	68,645	1,398,847	40%
Barnstable County Retirement	-	663,618	(100%)	(663,618)	694,322	0%
Contractual Obligations	-	-	na	-	289,886	0%
Utilities	77,499	65,929	18%	11,570	167,790	46%
Repairs & Maintenance	17,706	29,995	(41%)	(12,289)	65,561	27%
Food	66,138	55,463	19%	10,675	146,250	45%
Professional Services	622,487	227,483	174%	395,004	1,119,313	56%
Medical Supplies	78,049	54,851	42%	23,197	157,866	49%
General Insurance	27,005	24,056	12%	2,950	215,594	13%
Other Supplies	27,691	18,597	49%	9,094	70,872	39%
Indirect Costs	46,150	46,150	0%	0	92,300	50%
Other	9,053	7,079	28%	1,974	184,260	5%
Total Expenditures - Excluding Debt Service	\$ 3,331,963	\$ 3,740,921	(11%)	\$ (408,958)	\$ 9,722,517	34%
DEBT SERVICE	FY2023 Actuals	FY2022 Actuals	% Change	\$ Change	Annual Budget	Budget Used
Principal \$	-	\$ -	na	\$ -	-	na
Interest	-	13,861	(100%)	(13,861)	-	na
Issuance Costs	-	-	na	-	-	na
BAN Costs, Principal, Interest	-	-	na	-	-	na
Other	-	-	na	-	-	na
Total Debt Service	\$ -	\$ 13,861	(100%)	\$ (13,861)	\$ -	na
TOTAL OPERATING EXPENSES AND DEBT SERVICE	\$ 3,331,963	\$ 3,754,783	(11%)	\$ (422,819)	\$ 9,722,517	34%



Solid Waste Enterprise Fund

Quarterly Financial Report

*Second Fiscal Quarter
Ended December 31, 2022*



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Solid Waste Financial Highlights

Solid Waste Revenues

The revenue for the second quarter of FY2023 was up \$253,562 (+34%) from the same quarter last year and represented 44% of the projected revenue budget excluding General Fund Subsidy and Encumbrance Carryforwards. Tipping fees were up \$239,904 (+32%) due to higher volumes processed at the landfill. The income from Landfill fees collected increased as well, receiving a total of \$17,016, an increase of \$13,655.

Solid Waste Expenses

The total Expenditures, excluding Debt Service, for the second quarter of FY2023 were lower compared to Q2/FY22, representing a decrease of \$192,682 (-6%). The main drivers behind the decrease are C&D Professional services and MRF Professional services with \$512,038 and \$12,527, respectively. Freight increased with \$277,481 (+81%) over the same quarter last year. Overall, the SWEF Expenses including Debt Service ended the quarter at 46% of the Annual Budget.

Solid Waste Summary

**TOWN OF NANTUCKET
SOLID WASTE ENTERPRISE FUND
Operating Revenue and Expenses for Six Months Ended Dec 31, 2022**

	Budget	Six Months Ended Dec 31	
	FY2023	FY2023	FY2022
Revenue	\$ 4,515,540	\$ 2,007,700	\$ 1,648,736
Expenses	13,294,862	6,099,830	5,368,464
Gross Earnings	(8,779,322)	(4,092,130)	(3,719,728)
Transfer from Retained Earnings	722,202	722,202	932,198
Net Earnings	\$ (8,057,120)	\$ (3,369,928)	\$ (2,787,530)
Retained Earnings			
Net Sources (Uses)			
General Fund Subsidy - Override	-	-	-
General Fund Subsidy - Tax Levy	-		
General Fund Subsidy	8,046,306	8,046,306	6,502,995
General Fund Subsidy - A23'22 Budget Transfer		-	500,000
Encumbrance Carryforwards	10,814	18,548	286
FinCom GF Reserve Fund Transfer/33B		-	\$ 1,300,188
Surplus (Deficit)	\$ 0	\$ 4,694,925	\$ 5,515,939
Certified Retained Earnings as of July 01, 2021	\$ 722,202		
Plus: Current Surplus as of Dec 31, 2022	\$ 4,694,925		
Less: Amount allocated at May 2, 2022 ATM, A21	\$ (722,202)		
Projected Balance as of Dec 31, 2022 (1)(2)	\$ 4,694,925		

(1) Revenues remain a projection, until certified by the the Department of Revenue. Therefore this is only a projection as of this

(2) Actual balance will be lower due to encumbrances carried forward

Solid Waste Revenues

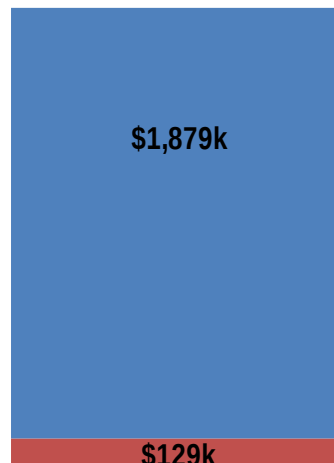
Where does the money come from?

YTD Revenue Breakdown (in thousands)

■ Landfill Fees ■ Tipping Fees



FY2022

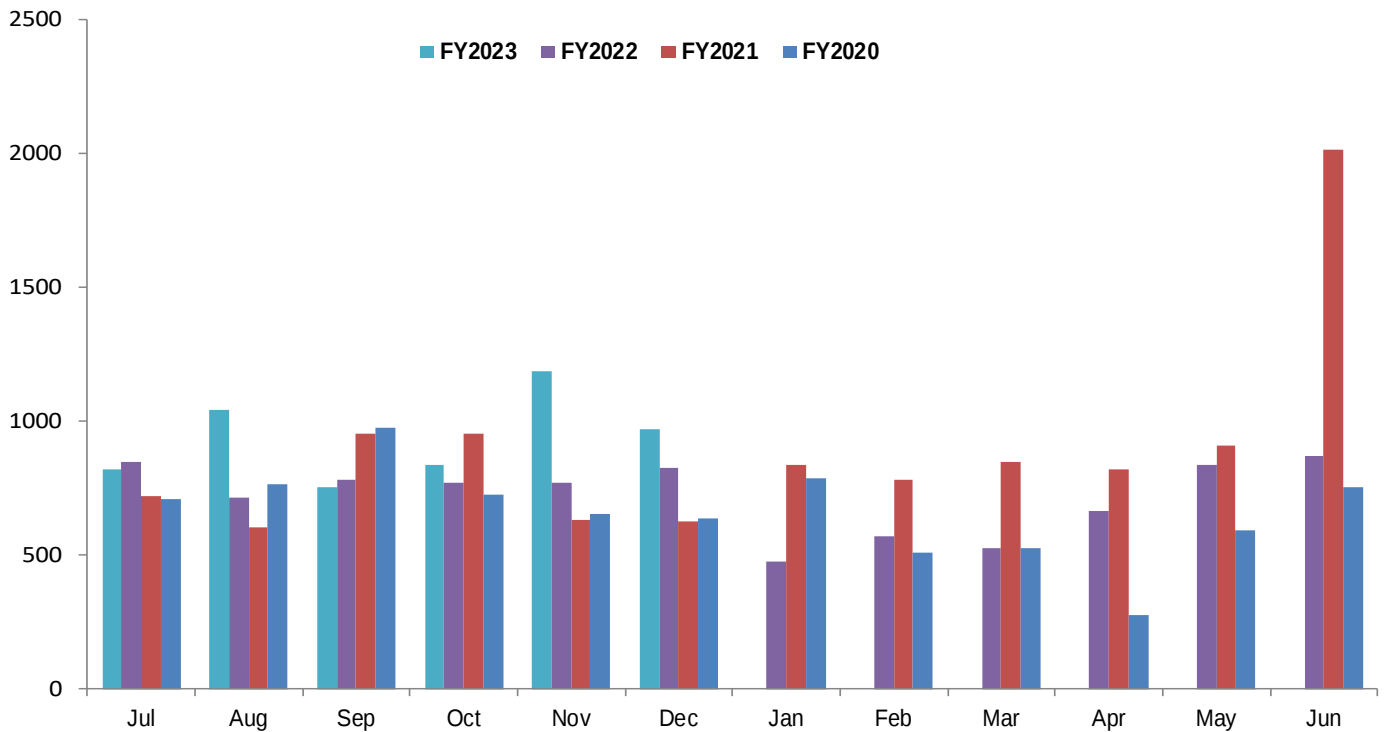


FY2023

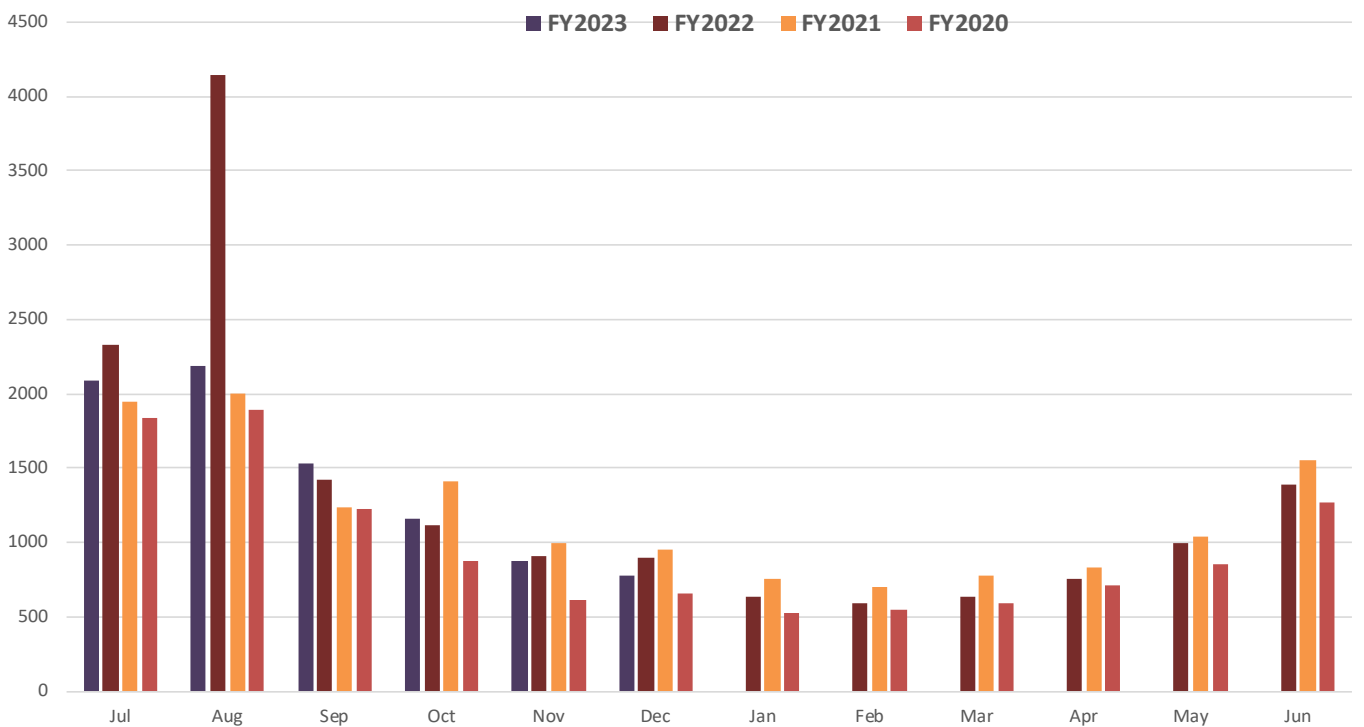
Solid Waste Revenues

Where does the money come from?

Month-Over-Month C&D Volume (in thousands of tons)



Month-Over-Month MSW/Compostable Waste Volume (in thousands of tons)





Solid Waste Revenues

Most recent quarter

Operating Revenue for Quarter Ended Dec 31, 2022

REVENUE	<u>Quarter Ended Dec 31</u>		<u>QTR/QTR</u>		<u>FY2023 Budget</u>
	FY2023	FY2022	\$ Change	% Change	QUARTER
Landfill Fees	\$ 17,016	\$ 3,362	\$ 13,655	406%	\$ 100,000
Tipping Fees	988,590	748,685	239,904	32%	1,028,885
Debt Premium	-	-	-	na	-
Miscellaneous Revenues	4	1	3	568%	-
Total Revenue*	\$1,005,610	\$ 752,048	\$ 253,562	34%	\$ 1,128,885

OTHER FINANCING SOURCES	FY2023	FY2022	\$ Change	% Change	QUARTER
General Fund Subsidy - Override	\$ -	\$ -	\$ -	na	\$ -
General Fund Subsidy Free Cash	-	-	-	na	-
General Fund Subsidy/Reserve Fund	-	-	-	na	2,011,577
Capital Projects Subsidy/33B Transfers	-	-	-	na	-
General Fund Subsidy - Shortfall Raised on Recap	-	-	-	na	-
Voted Use of Certified Retained Earnings - Operations	-	-	-	na	-
Voted Use of Certified Free Cash - Operations	-	-	-	na	-
Encumbrance Carryforwards	15,000	286	14,714	5,141%	-
Total Other Financing Sources	\$ 15,000	\$ 286	\$ 14,714	5,141%	\$ 2,011,577

Total Revenue and Other Financing Sources	\$1,020,610	\$ 752,334	\$ 268,276	36%	\$ 3,140,462
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Solid Waste Revenues

Six months ended December 31, 2022

Operating Revenue for Six Months Ended Dec 31, 2022

REVENUE	Six Months Ended Dec 31		YTD/YTD		FY2023 Budget	% of Budget Used
	FY2023	FY2022	\$ Change	% Change	Annual w/ Carryfwd	
Landfill Fees	\$ 128,996	\$ 33,049	\$ 95,947	290%	\$ 400,000	32%
Tipping Fees	1,878,695	1,575,685	303,010	19%	4,115,540	46%
Debt Premium	-	-	-	na	-	na
Miscellaneous Revenues	9	40,003	(39,993)	(100%)	-	na
Total Revenue*	\$ 2,007,700	\$ 1,648,736	\$ 358,964	22%	\$ 4,515,540	44%

OTHER FINANCING SOURCES	FY2023	FY2022	\$ Change	% Change	Annual w/ Carryfwd	
General Fund Subsidy - Override	\$ -	\$ -	\$ -	na	\$ -	na
General Fund Subsidy Free Cash	-	-	\$ -	na	-	na
General Fund Subsidy/Reserve Fund	8,046,306	6,502,995	1,543,311	24%	8,046,306	100%
Capital Projects Subsidy/33B Transfers	-	-	-	na	-	na
General Fund Subsidy - Shortfall Raised on Recap	-	-	-	na	-	na
Voted Use of Certified Retained Earnings - Operations	-	-	-	na	722,202	0%
Voted Use of Certified Free Cash - Operations	-	-	-	na	-	na
Encumbrance Carryforwards	18,548	286	18,262	6,381%	10,814	172%
Total Other Financing Sources	\$ 8,064,854	\$ 6,503,281	\$ 1,561,573	24%	\$ 8,779,322	92%

Total Revenue and Other Financing Sources	\$ 10,072,554	\$ 8,152,017	\$ 1,920,537	24%	\$ 13,294,862	76%
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Solid Waste Expenses

Most recent quarter

Operating Expenses for Quarter Ended Dec 31, 2022

OPERATING EXPENDITURES WITHOUT DEBT	Quarter Ended Dec 31		QTR/QTR		FY2023 Budget
	FY2023	FY2022	\$ Change	% Change	Quarter
Payroll - Salary	\$ 39,429	48,656	\$ (9,226)	(19%)	94,503
Medicare P/R Tax Expense	553	634	(81)	(13%)	1,370
Medical Insurance	2,062	8,192	(6,130)	(75%)	41,250
Barnstable County Retirement	-	-	-	na	-
Utilities	157,891	125,953	31,937	25%	94,626
Repair & Maintenance	-	-	-	na	22,375
Prof. Services - Collection & Disposal	1,982,798	2,494,836	(512,038)	(21%)	1,958,635
Prof. Services - Recycle / MRF	386,590	399,117	(12,527)	(3%)	218,817
Freight	619,898	342,417	277,481	81%	806,780
General Insurance	-	-	-	na	-
Indirect Costs	28,750	28,750	(0)	(0%)	28,750
Other (Contingency)	64,438	26,535	37,903	143%	46,863
Total Expenses - Excluding Debt Service	\$ 3,282,408	\$ 3,475,090	\$ (192,682)	(6%)	\$ 3,313,968
DEBT SERVICE	FY2023	FY2022	\$ Change	% Change	Quarter
Principal	\$ 28,000	\$ 33,925	\$ (5,925)	(17%)	\$ 8,250
Interest	3,063	3,967	(904)	(23%)	1,498
Issuance Costs	-	-	-	na	-
BAN Costs, Principal, Interest	-	-	-	na	-
Other	-	-	-	na	-
Total Debt Service	\$ 31,063	\$ 37,892	\$ (6,829)	(18%)	\$ 9,748
Total Expenses and Debt Service	\$ 3,313,471	\$ 3,512,981	\$ (199,510)	(6%)	\$ 3,323,715



Solid Waste Expenses

Six months ended December 31, 2022

Operating Expenses for Six Months Ended Dec 31, 2022							
OPERATING EXPENDITURES WITHOUT DEBT	Six Months Ended Dec 31		YTD/YTD		FY2023 Budget		% of Budget
	FY2023	FY2022	\$ Change	% Change	Annual w/ Carryfwd		
Payroll - Salary	\$ 99,947	\$ 78,530	\$ 21,417	27%	\$ 378,010		26%
Medicare P/R Tax Expense	1,399	1,048	351	34%	5,481		26%
Medical Insurance	5,579	8,192	(2,613)	(32%)	165,000		3%
Barnstable County Retirement	-	-	-	na	-		na
Utilities	172,541	126,551	45,990	36%	378,504		46%
Repair & Maintenance	-	-	-	na	89,500		0%
Prof. Services - Collection & Disposal	3,626,215	3,719,707	(93,493)	(3%)	7,834,538.75		46%
Prof. Services - Recycle / MRF	734,241	782,363	(48,122)	(6%)	875,266		84%
Freight	1,265,034	528,946	736,088	139%	3,227,121		39%
General Insurance	-	-	-	na	-		na
Indirect Costs	57,500	57,500	(0)	(0%)	115,000		50%
Other (Contingency)	101,061	27,735	73,326	264%	187,450		54%
							na
Total Expenses - Excluding Debt Service	\$ 6,063,517	\$ 5,330,572	\$ 732,945	14%	\$ 13,255,871		46%
DEBT SERVICE	FY2023	FY2022	\$ Change	% Change	Annual w/ Carryfwd		
Principal	\$ 33,000	\$ 33,925	\$ (925)	(3%)	\$ 33,000		100%
Interest	3,313	3,967	(654)	(16%)	5,991		55%
Issuance Costs	-	-	-	na	-		na
BAN Costs, Principal, Interest	-	-	-	na	-		na
Other	-	-	-	na	-		na
Total Debt Service	\$ 36,313	\$ 37,892	\$ (1,579)	(4%)	\$ 38,991		93%
Total Expenses and Debt Service	\$ 6,099,830	\$ 5,368,464	\$ 731,367	14%	\$ 13,294,862		46%



Environmental Leadership

Sustainability is how the Town of Nantucket, with a focus on historic preservation, equity and inclusion, natural resources, hazard mitigation, solid waste management, energy, public health, and education, institutionalizes practices in municipal operations that support a balance of the economic, environmental, and social health

of our island, which meet the needs of current residents and visitors without compromising the ability of future generations to meet evolving needs.

GOAL: Provide data-driven recommendations on Island-wide solid waste management guided by principles of sustainability.

Activity

Materials Recovery Facility (MRF)

- a) Upgrade collection design (catwalk project, colored bags)
- b) Upgrade process design (bag-breaker project)

Composter and Transfer Station

- a) Ownership/operation after 2025 (appraisal, operator RFP)
- b) Alternative uses

New facilities – studies, pilots, system integration, procurement

- a) Pyrolysis/gasification or equivalent (feedstock tests)
- b) Anaerobic digestion (pre-feasibility studies)
- c) PFAS treatment and management (data collection)

Phase 1 Landfill (inactive)

- a) Closure (conceptual design, cost projections)
- b) Post-closure use (Solid Waste facilities, solar PV, passive recreation)

Phase 2/3 Landfill (active)

- a) Allocation of existing capacity – MRF residuals, sludge, PFAS, Non-Recyclable Non-Compostable (NRNCs)
- b) New vertical expansion capacity

Waste reduction and re-use

- a) Hard-to-manage waste ban items (textiles, mattresses)
- b) Take-it-or-leave-it and salvage centers
- c) NRNCs

Material separation and collection practices

- a) Reconsider collection in plastic bags
- b) Divert paper from compostables
- c) Expand NRNCs diversion

Conduct solid waste-related education and outreach.

Continue to implement the plastic ban bylaw.

Enforce unsecured load requirements.

Develop and implement the plan and enforcement mechanism for the single-use plastic nip bottle ban.

GOAL: Finalize an Island-wide, long-term water quality management plan that addresses ponds, harbors, stormwater, and wastewater with specific ways/methods to measure improvement.

Activity

Finalize and implement an Island-wide, long-term water quality management plan that addresses ponds, harbors, and stormwater and wastewater, with public outreach and specific ways/methods to measure improvement.

Identify management strategies to reduce the controllable load of nutrients into surface water bodies.

Secure Great Harbor Yacht Club (GHYC) grant to evaluate bay scallops and eelgrass populations for both harbors annually.

Develop Stormwater enterprise operation separate from Public Works to enhance focus on stormwater mitigation needs.

Continue construction on the Sea St. third sewer force main project, which includes Stormwater Repairs, Replacements, and Improvements.

Research and develop pool water discharge regulations.

Create a robust PFAS awareness and education program involving Town departments, PFAS professionals, and island stakeholders.

Create a Town-wide PFAS-impacted materials handling and management (storage and disposal) protocol.

Continue the Children's Beach Pump Station/Tributary area Phase 1 CMOM Capacity Management Operations Maintenance program.

Continue work on Nantucket Harbor Shimmo & Plus Parcels (NHSP) sewer permits/connections.

Continue to monitor coastal resiliency needs.

EMERGING NEEDS:

Activity

Implement requirements related to the Green Communities designation (adopted in 2019).

Participate in the Army Corps of Engineers / Martha's Vineyard project to study supply chain impacts and carrying capacity to determine island resiliency levels.

Water Quality Update

Natural Resources
Department

Jeff Carlson, Director

2/8/2023



Surface Water Monitoring

1. To determine the present (2021) ecological health of each of the main salt ponds and estuaries within the Town of Nantucket,
2. To gauge (as historical data allows, 2010-2021) the decline or recovery of various salt ponds and embayment's over the long-term (also part of TMDL compliance), and
3. To provide the foundation (and context) for development of potential alternatives for nutrient and resource management and quantitative measures of success.

Current Status - 2021

Embayment	TMDL	Status	Trend	Trophic Health Score	Remedial Actions
Nantucket Harbor	0.35mg/L (0.36mg/L Polpis)	Approaching N target	Improving	High-moderate quality	New jetties, Planned sewerage, Fertilizer Program
Madaket Harbor	0.45 mg/L	Approaching N target	Improving	High-moderate quality	Landfill remediation
Hummock Pond	0.50mg/L	Significantly impaired	Variable	Moderate-fair quality	Pond openings
Long Pond	0.80mg/L	Approaching N target	Improving	Moderate quality	Landfill remediation
Miacomet Pond	0.60mg/L (not regulated)	Significantly impaired	Unchanged	Fair-poor quality	Potential dredging/chemical treatment of nutrient laden sediment
Sesachacha Pond	0.60mg/L	Moderate improvement	Variable	High-moderate quality	Pond openings

Management for Improvement

Management targeted for controllable load

Wastewater
(Sewer and Septic)



Fertilizer



Overland Flow
(Runoff and Storm water)



Understanding the Problem

- **Water Quality Testing** – this program is run through the Natural Resources Department utilizing the Town's contractor SMAST for data processing and report writing.
- **Eelgrass Monitoring and Bay Scallop Census** –The purpose of this study is to evaluate the population and health of eelgrass and bay scallops within Nantucket Harbor. This is an important tool in measuring whether restoration goals are being met.
- **Division of Marine Fisheries Water Quality Testing** – this testing looks at the level of bacteria in our waters to ensure the ability to safely harvest and consume shellfish.
- **Bathing Beach Surveys** – the Health Department conducts weekly sampling from June through Labor Day to look at bacterial levels to ensure safe swimming standards.
- **Private well testing** – the Board of Health has created a program to allow for the voluntary testing of private wells to ensure safe drinking water. The Town assisted in a voluntary testing program by UMass/MassDEP looking possible PFAS contamination at private wells across the island (and statewide). Forty properties on Nantucket were selected, sampling and testing was performed, and MassDEP is compiling the information for a final report. Homeowners receive the testing results and MassDEP is providing support to those with concentrations detected above the drinking water standard.
- **Public well testing** – Wannacomet Water is required to conduct regular sampling of the public water supply to ensure safe drinking water which also includes sampling and testing for PFAS.

Where can you find more information

- <https://www.nantucket-ma.gov/2100/Water-Quality-Reports>
- Water Quality data is available to view and download using the Water Quality Analysis and Visualization (WQAV) Viewer on the Town Website which was developed as a collaboration between the Town of Nantucket and MIT Sea Grant program – link below:

<https://www.nantucket-ma.gov/2129/Water-Quality-Analysis-Visualization>



Management Activities – Wastewater

Project Name	Status
Surfside WWTF Upgrade	Complete – Phase 2 scoping underway
Sea Street Pump Station Renovation	Complete
Sconset WWTF Evaluation	In design phase
Surfside Area Sewer Project	Underway
Sea Street 3 rd Force Main	Underway
South Shore Road Sewer Installation	Underway

These projects were all action items of the Sewer Master Plan which can be found at:

<https://nantucket-ma.gov/1536/Sewer-District-Master-Plan>

Management Activities – Pump outs

Years	TON and Boat Basin Pump out Gallons
2017-2018	90,890
2018-2019	79,597
2019-2020	74,139
2020-2021	139,000

For the 2022 season the Harbormaster office procured ~10,000 dye tablets to be installed for all rental moorings and liveaboard vessels. This effort is being supplemented by random checks and inspections of vessels by either the United States Coast Guard or Harbormaster.

Management Activities – Runoff

Project Name	Status
Madaket Culvert Evaluations	Complete – report on town website https://www.nantucket-ma.gov/1362/Madaket-Culverts
Children’s Beach Pump Station Evaluation	Complete – report on town website https://www.nantucket-ma.gov/1363/Childrens-Beach-Pump-Station
Stormwater Pipe Condition Assessment	Ongoing – being done by camera
Washington Street Extension Bio-retention Area	Underway with assistance from the Great Harbor Yacht Club Foundation
Sesachacha Road Bio-retention Area	Underway with Land Bank, MassAudubon and Quidnet Squam Association
Illicit Discharge Regulations	Currently being heard by Select Board for Adoption

Management Activities – PFAS

PFAS: The Town has completed the Phase 1 of a project with CDM Smith to develop a unified and proactive town-wide PFAS management plan focused on protecting the valuable groundwater resources of Nantucket used for drinking water. A goal has been to preliminarily identify PFAS contaminant sources on an island-wide basis focusing on Town facilities, and understand the transport mechanisms and migration pathways by which they reach receptors, thus establishing the "PFAS Cycle" on Nantucket. This study has been undertaken by the Town of its own volition, as there is no federal or state regulatory mandate requiring this assessment.

Phase 1 report is complete and published at:
www.nantucket-ma.gov/PFAS

PFAS: Phase 2 of this effort is focused on conducting an extensive sampling and assessment program to confirm the presence of PFAS in various media. With this information and an improved conceptual understanding of the "PFAS Cycle", recommendations will be developed to achieve PFAS mitigation and reduction.

Sampling plans and testing for ground water and surface water were developed for the landfill site and are currently being reviewed by MassDEP. The sampling for PFAS will begin after MassDEP approval. Sampling plans and testing for wastewater influent were developed and testing begins in August 2022 to help understand and identify possible PFAS sources and concentrations being received at the plant.

Other Management Activities

- **Nantucket and Madaket Harbors Action Plan - Underway**
- **Coastal Resiliency Plan - Complete**
- **Nantucket Harbor Watershed Delineation Update and Groundwater Monitoring - Funded**
- **Miacomet Pond Dredging Design – Underway with Land Bank**
- **Alum Treatment of the North Head of Hummock Pond – Permitted and Scheduled for Spring 2023**
- **Invasive Species Management - Underway**
- **Harmful Algal Bloom Monitoring Program - Underway**
- **Sediment Transport Study and Dredge Plan - Underway**
- **Madaket Harbor and Long Pond Estuary Plan Scenario and Model Update - Complete**



Environmental Leadership

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GOAL: FINALIZE AN ISLAND-WIDE, LONG-TERM WATER QUALITY MANAGEMENT PLAN THAT ADDRESSES PONDS, HARBORS, STORMWATER, AND WASTEWATER WITH SPECIFIC WAYS/METHODS TO MEASURE IMPROVEMENT.



Water Resource Management Plan

Thaïs M. Fournier,
Water Resource Specialist
Natural Resources Department,
Town of Nantucket, MA

Water Quality Management Plan

Objectives

The Water Resource Management Plan includes identifying management strategies to reduce the controllable load of nutrients into surface water bodies with specific recommendations and methods to improve water quality. This plan will be used to explore options and feasibility of improving current water quality monitoring and testing procedures, as well as habitat quality evaluation and metrics.

Comprehensive data collection – Proposed for FY'24 Capital Funding

- Eelgrass, Bay Scallop and Whelk Surveys
- TMDL Monitoring
- Groundwater monitoring
- Stormwater monitoring

Proposed plan sent to other local collaborators for review and comment during drafting of plan



Water Quality Management Plan

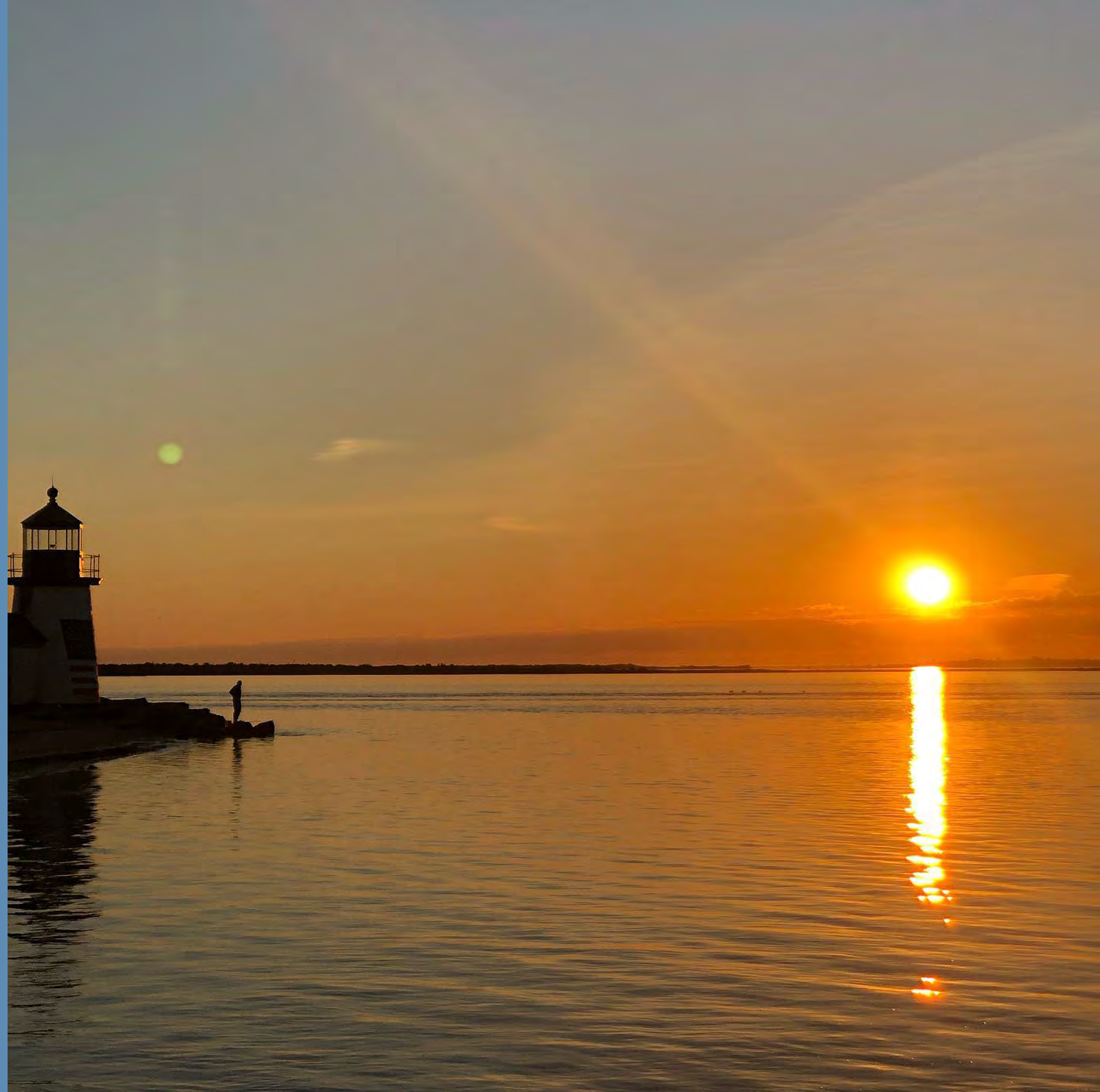
- Focus on outreach and education
- Making decisions based on best possible data and information
- Collaboration
- Restoring native habitats

Objective	Recommendation
Increase awareness of water quality issues and ways to protect and enhance water quality.	Increase awareness through education, outreach and the dissemination of information. This outreach strategy should include landowners, boaters, yacht clubs/members, students and others as appropriate.
Gain a current understanding of nutrient loading from sewage discharge, fertilizers, and road runoff to support important management decisions.	Complete an updated investigation and analysis with actual measurements of groundwater quality and flow to gain a current understanding of nutrient loading.
Develop a Nantucket watershed management committee responsible for developing and recommending activities to minimize inputs to surrounding waters specific to the Nantucket watershed.	Organize a group to meet regularly and included representatives from various stakeholder groups including recreational and commercial fisherpeople, scientists, managers, and locals to recommend watershed management options.
Develop and implement strategy to protect/restore eelgrass.	Assess the status of eelgrass beds in the harbors by conducting yearly assessment of eelgrass coverage in Harbor. This strategy should also take into consideration options such as propagating eelgrass, reseeding areas, and removing stressors.
Work towards the management and potential eradication of invasive species, including macroalgal species in the harbors and terrestrial and wetland species along the harbors' shores.	Continue with safe applications of herbicides to manage invasive species along harbor wetlands; monitoring of macroalgal species in harbor to restore eelgrass.
Protect and restore wetland resources.	Continue to monitor and assess actual and potential impacts on wetlands resources from adjacent development and increased usage.

Thank you!



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SB/CC Work Group/Committee Reps for 2022-2023*
 Approved by SB 5/18/2022; Approved by CC 5/25/2022; Updated 8/17/2022

	<u>BOS/CC Reps</u>				
	<u>Bridges</u>	<u>Holdgate</u>	<u>Fee</u>	<u>Mohr</u>	<u>MacNab</u>
<u>Groups</u>					
Ad Hoc Budget Work Group (Chair and Vice Chair)	X	X			
AHT - Advisory Committee for Neighborhood First			X		
Audit Committee (Chair + 1)	X		X		
Board of Health (1 rep)				X	X
Offshore Wind Workgroup	X		X		
Cannabis Advisory Committee (1 rep)	X				
Capital Program Committee (1 rep)	X				
Coastal Resiliency Advisory Committee (1 rep)			X		
Community Preservation Committee (1 rep)		X			
Genetic Mice Project Steering Committee (1 rep)				X	
Nantucket Affordable Housing Trust (1 rep)				X	
Parking Benefit District Commission (1 rep) (not active)				X	
PEG - NCTV 18 Board (1 rep)				X	
Polpis Harbor Municipal Property Advisory Committee (1 rep)			X		
Our Island Home Building Committee (2 reps) (will be reconstituted)		X			
Senior Center Committee		X			
<u>CC</u>					
NP&EDC (1 rep)		X			
Harbor Place (MF, DHH)					
Landfill (JB)					

*as formally appointed by the Board

As of 2/3/2023