

Town and County of Nantucket Select Board • County Commissioners

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C. Elizabeth Gibson
Town & County Manager

AGENDA FOR THE MEETING OF THE SELECT BOARD MAY 3, 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/w1KgSGPpIWk>

ZOOM WEBINAR REGISTRATION LINK TO VIRTUALLY ATTEND MEETING:

https://us06web.zoom.us/webinar/register/WN_J3Cu34ipSBetjbGHbmihtg

- I. CALL TO ORDER***
- II. SELECT BOARD ACCEPTANCE OF AGENDA***
- III. ANNOUNCEMENTS***
 1. The Select Board Meeting is Being Audio/Video Recorded.
 2. 2023 Annual Town Meeting is Saturday, May 6, 2023 at 8:30 AM at Nantucket High School, Mary P. Walker Auditorium, 10 Surfside Road.
 3. Annual Town Election Scheduled for Tuesday, May 23, 2023 from 7:00 AM to 8:00 PM at Nantucket High School, 10 Surfside Road.
 4. 2023 Committee/Board/Commission Vacancies.
 5. Select Board Announcements/Comments.
- IV. FOLLOW-UP ON COMMENTS FROM PRIOR SELECT BOARD MEETINGS***
 1. Follow-up on Public Comments from April 26, 2023 Select Board Meeting.
- V. PUBLIC COMMENT****
- VI. NEW BUSINESS****
- VII. APPROVAL OF MINUTES, WARRANTS AND PENDING CONTRACTS***
 1. Approval of Minutes of April 26, 2023 at 5:30 PM.

2. Approval of Payroll Warrants for April 30, 2023.
3. Approval of Treasury Warrants for May 3, 2023.

VIII. TOWN MANAGER'S REPORT

1. Per- and Polyfluoroalkyl Substances (PFAS) Update.
2. Solid Waste:
 - a. Long-Term Solid Waste Planning Update.
 - b. Overview of Compost Product Quality Improvements.
 - c. Waste Options Nantucket: Request for Use of Town Seal on Compost Product Packaging.

IX. SELECT BOARD'S REPORTS/COMMENT

1. Committee Reports.

X. 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. 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 the United States Constitution and the Massachusetts Declaration of Rights.

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 an orderly and peaceable manner, without disruption to other speakers.

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 protected under the United States Constitution and the Massachusetts Declaration of Rights because it constitutes true threats, incitement to imminent lawless conduct, or engages in conduct that disrupts other speakers.

Each speaker may not exceed three (3) minutes during any Public Comment portion of the meeting.

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 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.

Unanticipated Business: 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: April 26, 2023

NOTICE OF ANNUAL COMMITTEE OPENINGS

The Select Board is accepting applications for annual committee appointments. Interested individuals may obtain a “Committee Interest Form” from the Town of Nantucket’s [website](#). Completed applications can be mailed to Town Administration, 16 Broad Street, Nantucket, MA 02554 or emailed to emooney@nantucket-ma.gov. Information on the responsibilities of the various committees may also be obtained from the Town’s website. **All appointments will be made by the Select Board at its June 28, 2023 meeting.**

Applications for **all** committee vacancies must be submitted by **12:00 PM on Friday, May 19, 2023.**

Agricultural Commission #	2 Seats	Terms End 2026
Airport Commission *	2 Seats	Terms End 2026
Board of Health	2 Seats	Terms End 2026
Capital Program Committee	2 Seats	Terms End 2026
Cemetery Commission	2 Seats	Terms End 2026
Coastal Resiliency Advisory Committee	1 Seat	Term Ends 2026
Conservation Commission	2 Seats	Terms End 2026
Contract Review Committee, Human Services	1 Seat	Term Ends 2026
Council for Human Services	3 Seats	Terms End 2026
Council on Aging ^	1 Seat	Term Ends 2025
Council on Aging ^	3 Seats	Terms End 2026
Cultural Council	2 Seats	Terms End 2025
Cultural Council	2 Seats	Terms End 2026
Finance Committee	3 Seats	Terms End 2026
Historic District Commission Associate	1 Seat	Term Ends 2026
Nantucket Affordable Housing Trust, at-large	1 Seat	Term Ends 2025
Nantucket Historical Commission	2 Seats	Terms End 2026
Planning Board Alternate	1 Seat	Term Ends 2026
Real Estate Assessment Committee	2 Seats	Terms End 2026
Roads and Right of Way Committee	3 Seats	Terms End 2026
Scholarship Committee	2 Seats	Terms End 2026
Steamship Authority Port Council	1 Seat	Term ends 2025
Tree Advisory Committee	1 Seat	Term Ends 2025
Tree Advisory Committee	2 Seats	Terms End 2026
Zoning Board of Appeals	1 Seat	Term Ends 2028
Zoning Board of Appeals Alternate	1 Seat	Term Ends 2024
Zoning Board of Appeals Alternate	1 Seat	Term Ends 2026

Pursuant to Article 65 passed by 2022 Annual Town Meeting, “To the extent available and willing to serve, the [Agricultural] Commission shall consist of a minimum of three members whose prime source of income is derived from farming or agricultural-based enterprises in Nantucket and another two who are interested in farming. If the foregoing

are neither available nor willing to serve, then any member may be appointed from the community who has an interest in agriculture.”

* Pursuant to MGL Chapter 90, Section 51E, “Of the members appointed [to the Airport Commission] at least one shall be a person having experience in aeronautics.”

^ Pursuant to the Massachusetts Cultural Council’s Local Cultural Council Program Guidelines, “The term of membership for a council member is three years; members can serve a maximum of two consecutive terms, or a total of six years, unless the appointing authority removes a member before the expiration of a term. Members must remain off the council for a one-year interval before serving additional terms.”

May 24, 2023 – The names of applicants who have submitted applications will be read aloud and applications will be included in the Board’s packet.

June 7, 2023 – Meeting for the applicants who applied to the following committees to introduce themselves and review their applications:

- Agricultural Commission
- Airport Commission
- Board of Health
- Capital Program Committee
- Cemetery Commission
- Coastal Resiliency Advisory Committee
- Conservation Commission
- Contract Review Committee, Human Services
- Council for Human Services
- Council on Aging
- Cultural Council
- Finance Committee

June 14, 2023 – Meeting for the applicants who applied to the following committees to introduce themselves and review their applications:

- Historic District Commission Associate
- Nantucket Affordable Housing Trust
- Nantucket Historical Commission
- Planning Board Alternate
- Real Estate Assessment Committee
- Roads and Right-of-Way Committee
- Scholarship Committee
- Steamship Authority Port Council
- Tree Advisory Committee
- Zoning Board of Appeals
- Zoning Board of Appeals Alternate

June 28, 2023 – Committee appointments.



Agenda Item Summary

Agenda Item #	VIII. 1.
Date	5/3/23

Staff

Assistant Town Manager, Manager of Strategic Projects, Environmental Contaminant Specialist

Subject

Town-Wide PFAS Assessment Update

Executive Summary

PFAS is a class of man-made chemicals which are present in firefighting foam and numerous everyday products, including nonstick cookware, grease-proof food packaging, personal care products, stain- and water-resistant clothing, carpets, and furniture. For decades, these carbon-fluoride compounds were widely used for their water and oil repellent qualities and are resistant to breakdown. Some PFAS has been found to accumulate in the human body and the food chain. The presence of PFAS in the environment (groundwater, surface water, soil, air, and food) is still poorly understood due to very limited testing.

Since 2020 the Town has voluntarily committed \$15,000,000 for PFAS-related efforts. Approximately \$1.1M has been expended to date through ten (10) contracts with CDM Smith, Inc. (CDMS)

This is an update on these PFAS-related efforts.

Staff Recommendation

N/A

Background/Discussion

Since July 22, 2020, the Town has engaged in 10 contracts with CDMS to perform island-wide assessments of potential sources contributing to PFAS contamination at municipal properties across the island. The Town's voluntary efforts are not under a DEP directive and are being undertaken proactively to learn more about potential PFAS issues in the community and identify short and long-term solutions. The PFAS cycle for the community of Nantucket has been developed and is being used to target the transmission pathways and contaminated materials in the environment for source reduction and control.

The US EPA and MADEP are developing and implementing regulations and testing programs to address PFAS contamination in drinking water and the environment. The Town is actively following these initiatives and will be positioned to implement once finalized.

CURRENT PROJECTS/CONTRACTS: Current PFAS-related projects include:

PFAS-RELATED CONTRACTS AND EXPENDITURES					
ID #	Date	Not-To-Exceed Amount	Contract Description	Expended	Remaining
1531	7/22/20 - 6/30/21	\$ 43,400	Island-wide PFAS Assessment (CDMS Project #252042)	\$43,387.22	CLOSED \$0.00
1606	12/16/20 - 2/28/21	\$ 43,000	Island-wide PFAS Assessment Additional Services (Expansion of Contract 1531) (CDMS Project #252042)	\$42,998.53	CLOSED \$0.00
1603	11/4/20 - 12/31/22	\$ 140,000	PFAS Communications Strategy (CDMS Project #252042)	\$134,653.80	CLOSED \$0.00
1751	6/9/21- 6/30/22 6/30/23	\$ 407,500	PFAS Assessment Phase 2A (CDMS Project #262798) (6/8/22 Amendment to extend contract)	\$384,926.90	\$22,573.10
1752	8/18/21- 8/31/21	\$ 14,000	2021 SRF PEF Application Assistance (Water Main Extension West of Airport CDMS Project #262798)	\$13,991.78	CLOSED \$0.00
1784	11/3/21 - 6/30/22 6/30/23	\$ 147,700	Water System Model & Expansion Planning West of Nantucket Airport (CDMS Project #267469 6/8/22 Amendment to extend contract)	\$142,364.80	\$5,335.20
1890	6/22/22- 6/30/23	\$ 42,700	PFAS Handling and Disposal Protocols (CDMS Project #275047)	\$23,017.60	\$19,682.40
1889	6/22/22- 6/30/23	\$ 151,800	Waste Water PFAS Influent Testing Pilot Program (CDMS Project #275048)	\$105,738.16	\$4,061.84
1946	6/22/22- 12/31/23	\$ 250,800	Water System Expansion Design West of Airport (CDMS Project #276557)	\$166,513.61	\$84,286.39
2089	6/22/22- 6/30/23	\$ 18,000	Water System Bidding Services (CDMS Project #TBD)	\$0.00	\$18,000.00
TOTALS:		\$ 1,258,900		\$ 1,057,592	\$ 201,308

FUNDING: \$15,000,000 in funding commitments from the Town to support PFAS-related efforts:

- \$750,000 – 2020 Free Cash
- \$750,000 – 2021 ATM Article 10 – PFAS Groundwater Soil Investigations (Borrowing)
- \$9,000,000 – 2022 ATM Article 10 – New Water Main West of Airport
(Debt exclusion, \$7.8 MADEP SRF Loan awarded for project)
- \$9,000,000 – 2022 ATE Ballot Question 13 (approved 1,738 Yes, 496 No, 140 Blank)
(Debt exclusion, \$7.8M DEP SRF Loan awarded for project)
- \$2,000,000 – 2022 ATM Article 18 – PFAS Soil Investigation
- \$2,500,000 – 2022 ATM Article 22 – WWTF PFAS Removal Pilot Program

CURRENT PFAS-RELATED PROJECTS:

- **Water System Expansion Design and Engineering (West of Memorial Airport)**
This project includes development of contract documents (plans and specifications) and development of construction cost estimates for installation of approximately 15,200 linear feet of 8-inch and/or 12-inch PVC water main. The water system expansion project is listed on the 2022 Drinking Water Intended Use Plan (IUP) for the Massachusetts Department of Environmental Protection (MassDEP) State Revolving Fund (SRF) loan program. Design will proceed in accordance with SRF requirements.
 - **Private Well Testing Workshop**
Organized by the Nantucket Environmental Contaminant Specialist and sponsored by the Nantucket Health Department, Nantucket Board of Health, and RCAP Solutions for all island private well owners and on-island and off-island public health officials. Seventy five (75) participants registered. Wednesday, April 26, 2023 9:00-11:00.
 - **PFAS Impacted Materials Management and Protocols for Handling**
This project is to have available protocols and procedures for Town employees to follow when working in areas of known or suspected per- and polyfluoroalkyl substances (PFAS) contamination or with PFAS-containing firefighting foams (e.g. aqueous film forming foams [AFFF]). This scope of work focuses on how to manage the material and how to handle it.
 - **WWTF Influent Sampling Plan**
This project develops a voluntary, yet comprehensive, sampling program to identify and assess PFAS sources being received at the Surfside Wastewater Treatment Facility (WWTF), as well as to understand the PFAS concentrations in the wastewater influent. This elective sampling program will provide an initial set of information as to the PFAS compounds present in the wastewater and provide a baseline of PFAS concentrations in the Town's wastewater and related solids.
 - **Water Distribution System Modeling and Planning (Capacity Study)**
This project assesses water demand, system supply/capacity, and distribution system hydraulics specifically related to water service expansion area west of Monahansett Road
-

to Lovers Lane extending from Skyline Drive south to Okorwaw Avenue, and include Nobadeer Way farther to the north.

- **DEI / STEM Outreach and Inclusion Project**

An interactive session currently being developed by the Nantucket Environmental Contaminant Specialist and CDM Smith Inc. to focus engaging island youth in STEM fields, using the Town's PFAS efforts as a model. A classroom module is scheduled to launch in September 2023 in cooperation with the Nantucket Boys and Girls Club.

- **Private Well Regulations Update (by BOH)**

The Nantucket Health Department is currently amending the town's Private Well Regulation Chapter 386. DRAFT regulations are modeled after MassDEP Model Private Well Regulations which will require PFAS sampling in specific situations, including the transfer of property / and or a new or modification to an existing private well. Samples must be submitted to EPA / State certified lab and use Method 537 for PFAS. The DRAFT Regulations are currently being reviewed by the Town Counsel and the Board of Health.

POTENTIAL FUTURE PFAS-RELATED PROJECTS: Significant potential up-coming projects include:

- PFAS Assessment Phase 2B Sampling Program
(TBD – based on outcome(s) of Phase 2A)
- Landfill Groundwater and Surface Water Testing (per MADEP SW-22)
(TBD – sampling protocols and plan being reviewed by MADEP)
- WWTP Effluent Sampling and Testing – Round 2)
(TBD – Round 1 testing is complete, final report and recommendations forthcoming)
- Foam Fractionation Baseline Study (to concentrate PFAS for source reduction/control at WWTP)
(TBD – proposal being developed with CDMS)
- UMass/MADEP private well testing follow up
(TBD – no direction from UMass/MADEP)

NATIONAL DEVELOPMENTS:

- US EPA proposed national standards for PFAS in drinking water. The proposed standard would regulate two chemicals, PFOA and PFOS, at 4 parts per trillion (ppt). For PFNA, PFHxS, PFBS and GenX chemicals, the EPA proposes not one standard for each but a limit for a mix of them. An online EPA public hearing is scheduled for May 4, 2023: <https://www.eventbrite.com/e/proposed-pfas-npdwr-public-hearing-tickets-549335536377>

Impact: Environmental	☒	Fiscal	☒	Community	☒	Other	☐
Other: Public Health							☒

Board/Commission Recommendation
N/A

Public Outreach
N/A

Attachments
CDMS PowerPoint Update



PFAS Projects Update to the Select Board

Town of Nantucket, MA

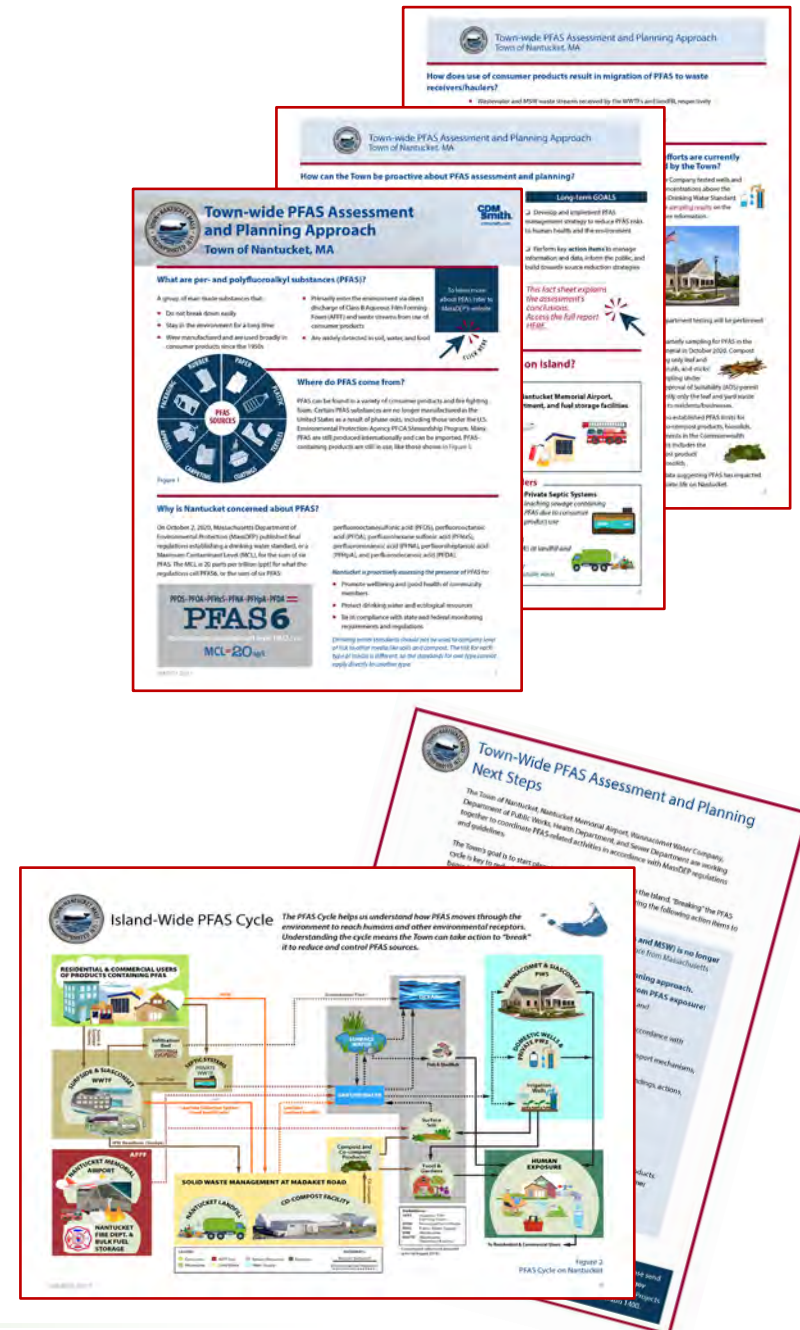
Andrew Miller, P.E.
Eric Spargimino, P.E.

May 3, 2023

**CDM
Smith®**

Agenda

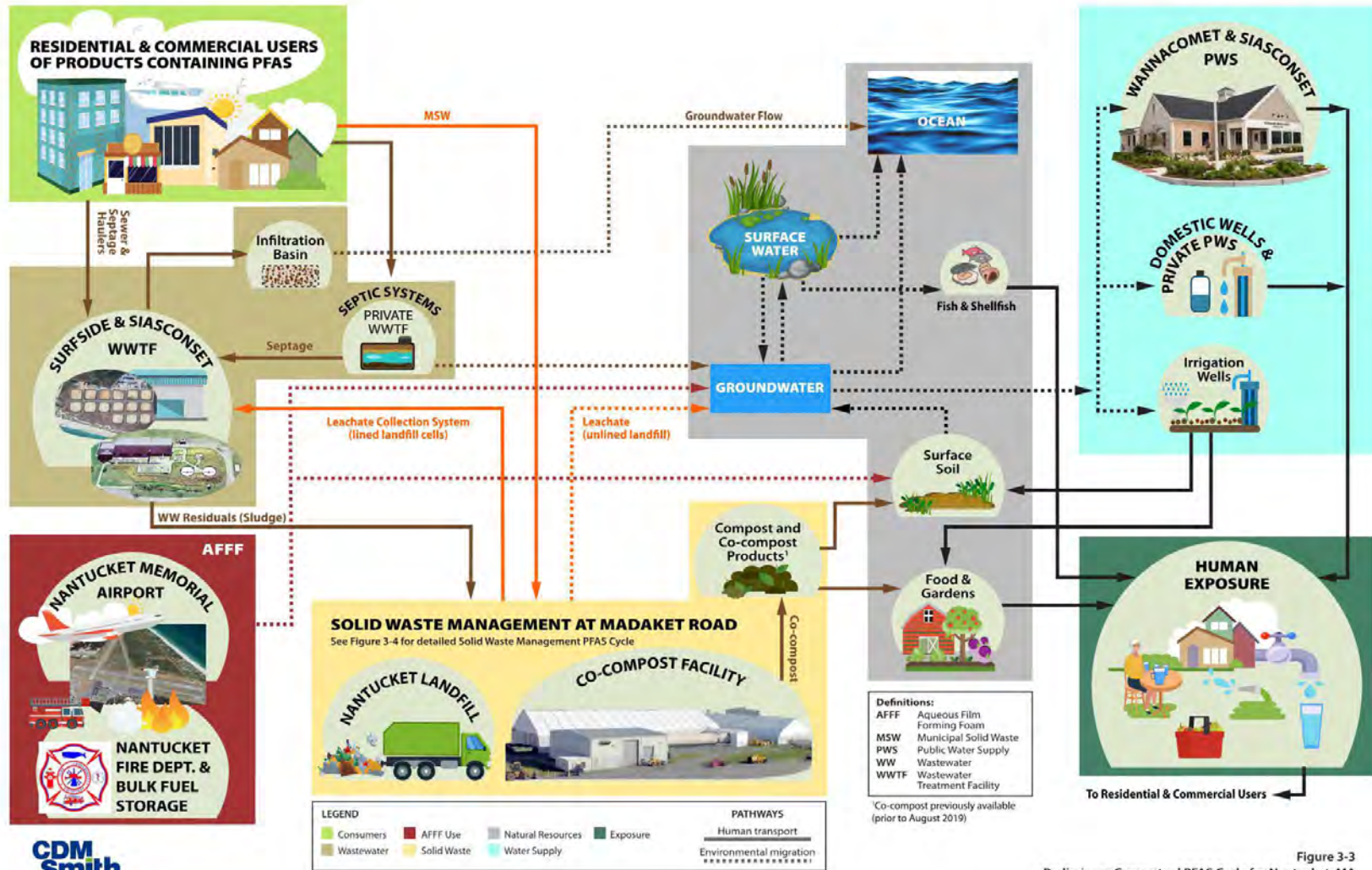
- PFAS Assessment Progress Update
- Town PFAS Initiatives
 - PFAS Summit
 - Water System Expansion West of the Airport
 - Protocols for Handling & Management of PFAS Impacted Materials for Town Workers
 - Addressing PFAS in Wastewater
 - Landfill Groundwater & Surface Water PFAS Sampling
- Continued Public Outreach
- Questions





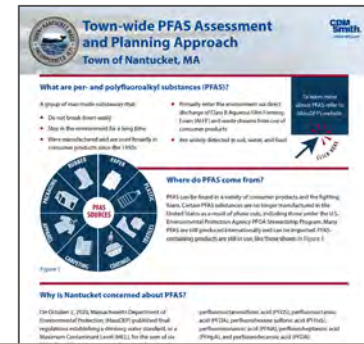
PFAS Assessment Update

PFAS Cycle – Town-wide



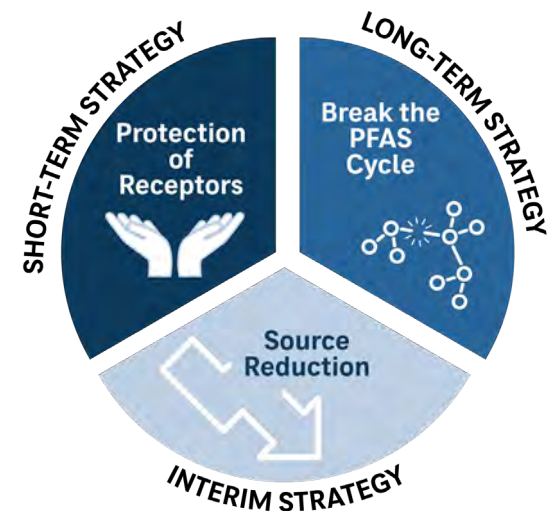
Island-Wide PFAS Assessment Objectives

- Short-Term Objectives
 - Identify key potential and known PFAS sources and receptors
 - Initiate unified planning approach to Town-wide PFAS source control and reduction
- Long-Term Objectives
 - Protect drinking water resources
 - Maintain compliance with state and federal regulations
 - Protect community wellbeing and health
 - Promote good health of natural and ecological resources



PFAS Preliminary Assessment & Planning Approach
REPORT on the Town website:
www.nantucket-ma.gov/1574/PFAS

The Strategy - A Phased Approach



Town-wide PFAS Assessment – Progress to Date

Tasks	Accomplishment	Status
Site Visits & Facility Reviews	Visit documentation	
Landfill	PFAS Groundwater Sampling Work Plan	Under MassDEP review
WWTF - Influent	First year of baseline wastewater sampling complete	
WWTF - Sludge	PFAS Destruction – Technology Report	
Co-Compost	Quarterly sampling by WON	
AFFF (fire fighting foam)	Facility Review & Recommendations to Nantucket Fire Department	
PFAS Cycle & Potential Sources	Continuous updates as new information available	
Public Outreach Planning & Communication	Documents posted on Town PFAS webpage	



= Complete



= Ongoing



Town PFAS Initiatives

The PFAS Summit

- **Held:** February 7, 2023
- **Purpose:**
 - Review efforts related to assessment and management of PFAS on the Island
 - Information exchange on PFAS activities
 - Primary focus - Surfside WWTF and Landfill operations
- **Outcome:**
 - Established options for soil management in support of water main extension
 - Continue wastewater sampling to support source identification
 - Technology evaluation - pursue bench-scale study (foam fractionation)
 - Pursue landfill groundwater/surface water PFAS sampling
 - Continued communication between landfill operations and WWTF
- **Follow-up:** Meeting in Fall 2023

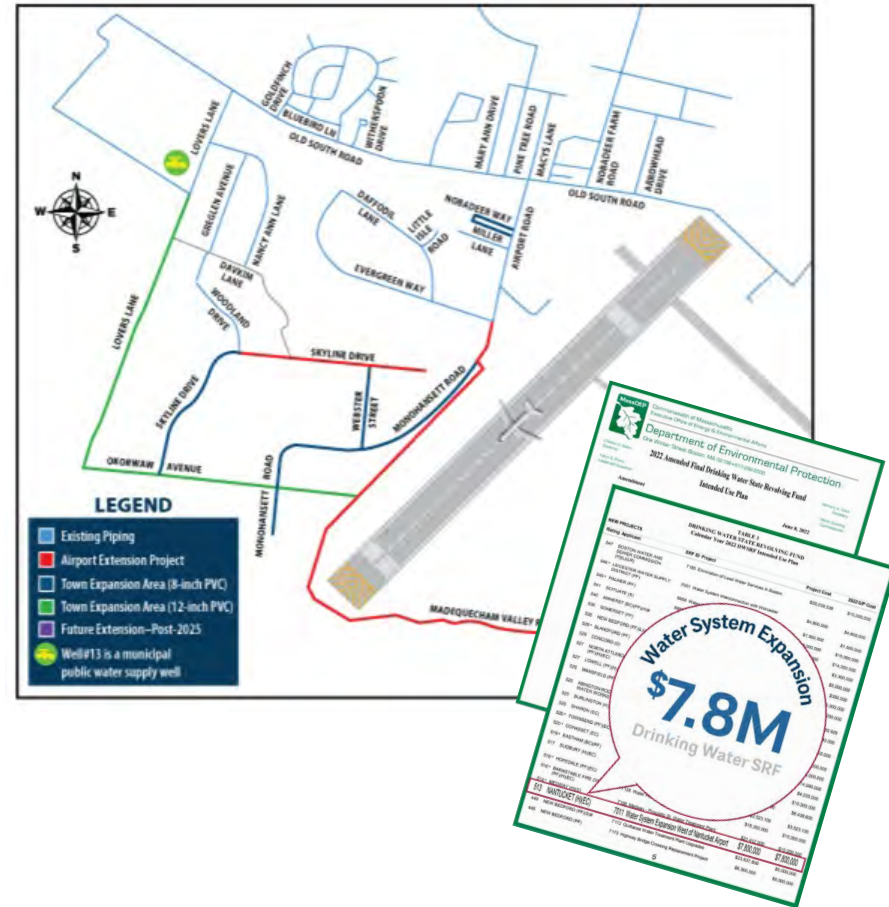


Participants:

- Town Departments
 - Administration
 - Water
 - Sewer
 - DPW
 - Health
 - Procurement
 - Airport
- Board/Committee Representatives
 - Select Board
 - Finance Committee
 - Solid Waste Advisory Committee
- Waste Options Nantucket (WON)
- Commonwealth Resource Management Corp
- CDM Smith

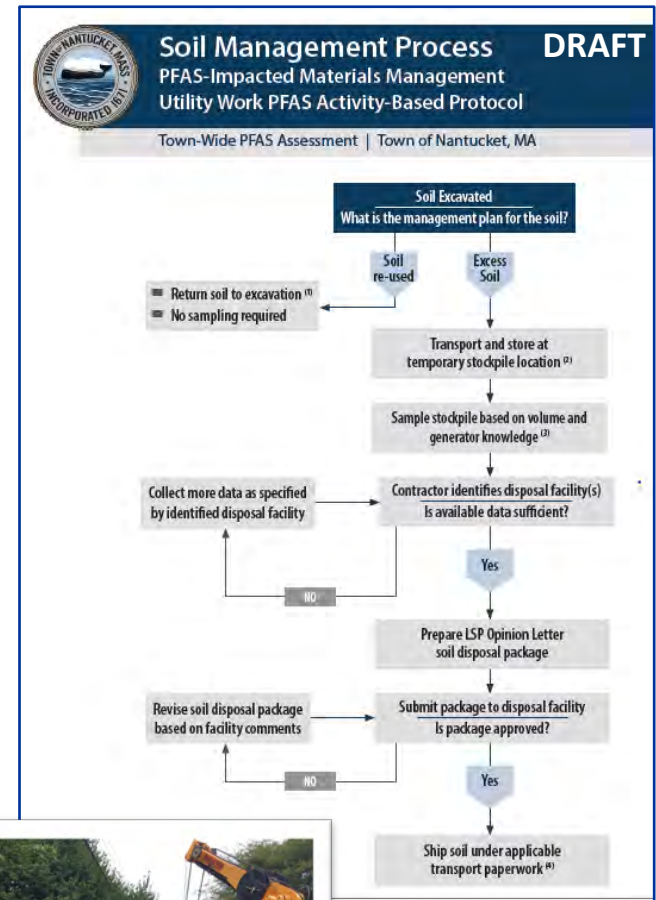
Water System Expansion West of the Airport

- Goal: Provide public water to residents whose domestic wells are impacted by PFAS west of the Airport
- Modeling to size pipes and ensure capacity, system pressure, fire flow
- Design & permitting complete
- Availability of State Revolving Fund (SRF) 0% interest loan
- Await Town Meeting approval of easements
- Construction: Fall 2023 - Spring 2024



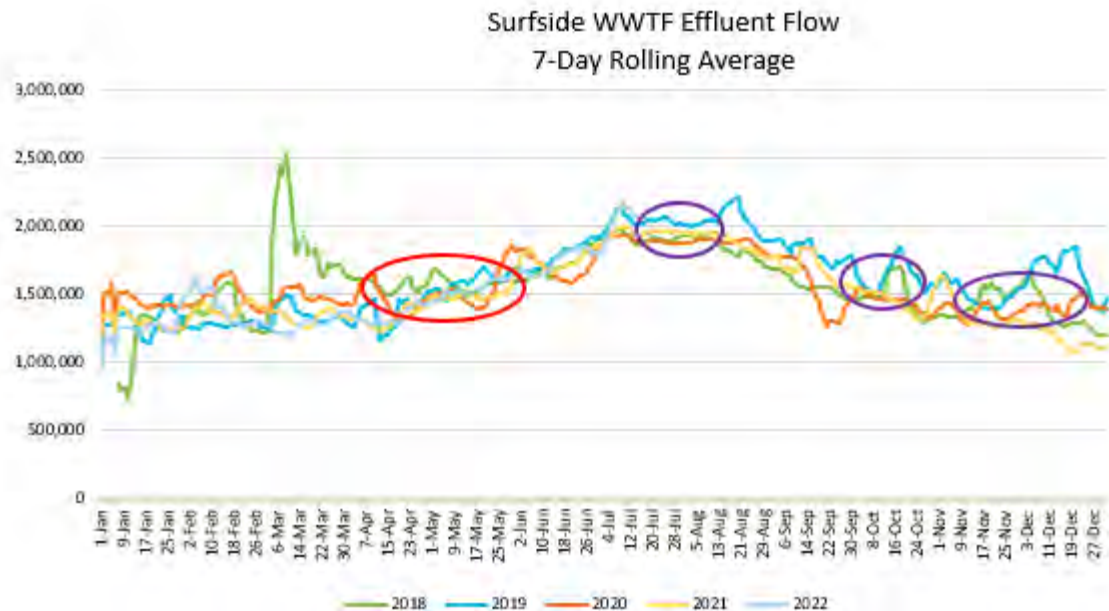
Handling & Management of PFAS Impacted Materials

- *Objective:* Development of protocols & procedures for Town employees when working in areas of known or suspected PFAS contamination
- *Applicability:* DPW, Sewer, Water employees
- *Focus:*
 - Soil material management from utility construction
 - Catch basin cleanings
 - Groundwater, stormwater
- Protocol training for town staff



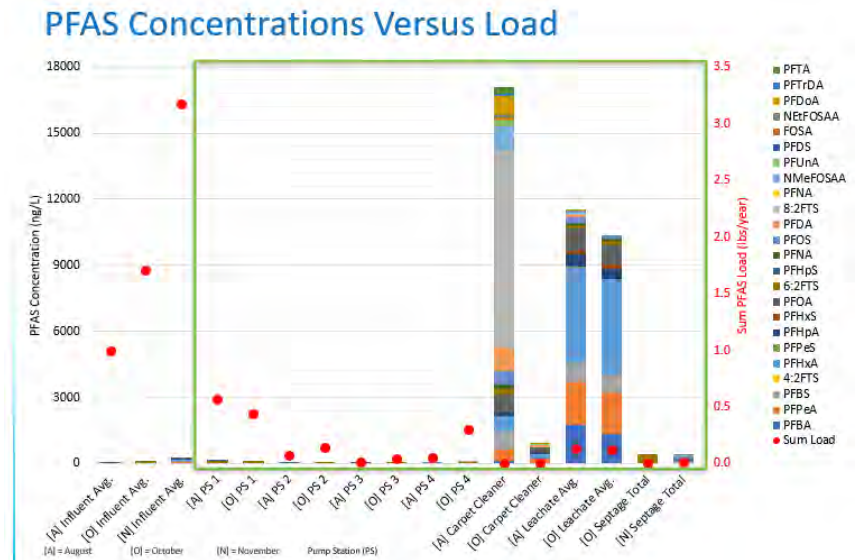
Wastewater Sampling Program for PFAS

- Four sample rounds
- Timed to reflect island seasonal flow variations (Aug, Oct, Nov, Apr)
- Surfside influent, Siasconset, collection system pump stations, septic haulers, leachate

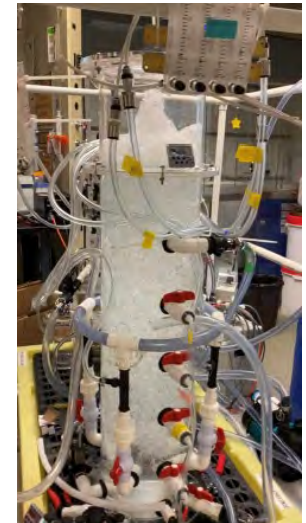


Next Steps – Addressing PFAS in Wastewater

- Wastewater Sampling
 - Assess the data relative to PFAS concentrations and loading
 - Continue the program to build a database
 - Expand the program to identify sources



- Technology Evaluation
 - Data suggests potential viability of foam fractionation technology
 - Bench-scale study of WWTF aeration tank foam and landfill leachate
 - Evaluate if technology is effective for piloting



New Initiative - Groundwater & Surface Water PFAS Sampling at the Landfill

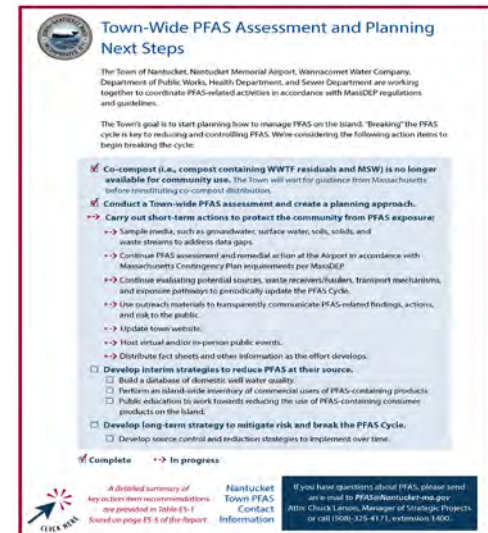
- *Why:*
 - To understand potential impacts to the environment of PFAS
 - To help further the decision-making process on landfill closure approaches
- *Protocol:* Follow sampling plan developed & submitted to MassDEP
- *Sample Locations:* All existing groundwater and surface water monitoring stations
- *Timing:* Semi-annual starting summer 2023



Continued Public Outreach

➤ *Maintain communication and information flow*

- Preparation of public outreach and education documents as needed
- Updates via the Nantucket PFAS webpage
<https://www.nantucket-ma.gov/1574/PFAS>
- Meetings and presentations
- *New initiative: STEM Sessions to High School Students*



Nantucket PFAS Cycle



Town-Wide PFAS Assessment and Planning

Next Steps



The Town of Cary North Carolina (Cary) is a member of the Environmental Water Reporting Department of the North Carolina Department of Environment and Natural Resources (NCEM) and is required to submit an annual report to the NCEM regarding the town's PFAS monitoring and management activities.

The town is required to submit a report to the NCEM regarding the town's PFAS monitoring and management activities. The report should include information on the town's PFAS monitoring and management activities, including the town's PFAS monitoring and management plan, the town's PFAS monitoring and management results, and the town's PFAS monitoring and management plan.

1. **Conduct a town-wide PFAS assessment and create a planning strategy.**
 - Carry out a town-wide assessment of PFAS in the town's water supply.
 - Sample water from the town's water supply, including surface water, groundwater, and drinking water.
 - Evaluate the town's PFAS monitoring and management activities to determine if they are sufficient to protect public health and the environment.
 - Create an assessment and planning strategy, including:
 - A plan for monitoring and managing PFAS in the town's water supply.
 - A plan for addressing any PFAS contamination in the town's water supply.
 - A plan for addressing any PFAS contamination in the town's environment.
 - A plan for addressing any PFAS contamination in the town's food supply.
 - A plan for addressing any PFAS contamination in the town's air supply.
 - A plan for addressing any PFAS contamination in the town's soil supply.
 - A plan for addressing any PFAS contamination in the town's sediment supply.
 - A plan for addressing any PFAS contamination in the town's biota supply.
 - A plan for addressing any PFAS contamination in the town's wildlife supply.
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 - A plan for addressing any PFAS contamination in the town's shellfish supply.
2. **Develop a town-wide PFAS assessment and planning strategy.**
 - Develop a town-wide assessment and planning strategy, including:
 - A plan for monitoring and managing PFAS in the town's water supply.
 - A plan for addressing any PFAS contamination in the town's water supply.
 - A plan for addressing any PFAS contamination in the town's environment.
 - A plan for addressing any PFAS contamination in the town's food supply.
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 - A plan for addressing any PFAS contamination in the town's sediment supply.
 - A plan for addressing any PFAS contamination in the town's biota supply.
 - A plan for addressing any PFAS contamination in the town's wildlife supply.
 - A plan for addressing any PFAS contamination in the town's fish supply.
 - A plan for addressing any PFAS contamination in the town's shellfish supply.
3. **Implement the town-wide PFAS assessment and planning strategy.**
 - Implement the town-wide assessment and planning strategy, including:
 - A plan for monitoring and managing PFAS in the town's water supply.
 - A plan for addressing any PFAS contamination in the town's water supply.
 - A plan for addressing any PFAS contamination in the town's environment.
 - A plan for addressing any PFAS contamination in the town's food supply.
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 - A plan for addressing any PFAS contamination in the town's biota supply.
 - A plan for addressing any PFAS contamination in the town's wildlife supply.
 - A plan for addressing any PFAS contamination in the town's fish supply.
 - A plan for addressing any PFAS contamination in the town's shellfish supply.
4. **Report the town-wide PFAS assessment and planning strategy to the NCEM.**
 - Report the town-wide assessment and planning strategy to the NCEM, including:
 - A plan for monitoring and managing PFAS in the town's water supply.
 - A plan for addressing any PFAS contamination in the town's water supply.
 - A plan for addressing any PFAS contamination in the town's environment.
 - A plan for addressing any PFAS contamination in the town's food supply.
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 - A plan for addressing any PFAS contamination in the town's biota supply.
 - A plan for addressing any PFAS contamination in the town's wildlife supply.
 - A plan for addressing any PFAS contamination in the town's fish supply.
 - A plan for addressing any PFAS contamination in the town's shellfish supply.

Complete

1. **Conduct a town-wide PFAS assessment and create a planning strategy.**

In progress

2. **Develop a town-wide PFAS assessment and planning strategy.**

Not started

3. **Implement the town-wide PFAS assessment and planning strategy.**

Additional information:

The town is required to submit a report to the NCEM regarding the town's PFAS monitoring and management activities. The report should include information on the town's PFAS monitoring and management activities, including the town's PFAS monitoring and management plan, the town's PFAS monitoring and management results, and the town's PFAS monitoring and management plan.

Additional information:

The town is required to submit a report to the NCEM regarding the town's PFAS monitoring and management activities. The report should include information on the town's PFAS monitoring and management activities, including the town's PFAS monitoring and management plan, the town's PFAS monitoring and management results, and the town's PFAS monitoring and management plan.



Town & County of NANTUCKET, MA

Strategic Plan for Long-Term Solid Waste Management for Nantucket

April 2023



Objectives for long-term solid waste planning

Protect public health and the environment consistent with

- Select Board Strategic Plan Goals for Environmental Leadership
- State and federal requirements (state SW Master Plan, MassDEP regs/goals)

Make new arrangements to replace Waste Services Agreement (WSA) after November 30, 2025

- Encourage waste reduction/re-use
- Upgrade collection of recyclables/ consider separate collections of organics
- Upgrade MRF process design; add de-bagging, expand NRNC diversion
- **Purchase Composter: continue/improve processing of organic solid wastes**
- **Purchase Transfer Station or lease site to handle/send C&D waste and NRNCs to mainland**
- Pursue new technology for processing waste plastics, NRNCs; manage PFAS appropriately
- Landfill: close inactive Phase 1, use/expand active Phases 2/3



Madaket Road Site Facilities operated by Waste Options Nantucket(WON)

- Composter area (A)
- Transfer Station area (B)
- MRF/drop-off area
- Landfill (not shown)





Town & County of
NANTUCKET, MA

The Composter



*Solid Waste Management for Nantucket
Zoom Workshop on 5 May 2023*



CommonWealth
Resource Management Corporation



Town & County of
NANTUCKET, MA

*Solid Waste Management for Nantucket
Zoom Workshop on 5 May 2023*

The Construction & Demolition (C&D) Transfer Station



Hard-to-manage waste





Activities scheduled through December 2025

Spring 2023	Address purchase of Composter and Transfer Station and transition terms/needs
TM 2023	Have TM pass warrant article 92 authorizing Town to issue an RFP for a contract operator and enter into one or more contracts or leases for a term up to 25 years
Fall 2023	Develop/Issue RFP for contract operator for December 2025
Spring 2024	Complete procurement; finish agreements for Composter and Transfer Station
TM 2024	Authorize funds for purchases/related services.
Fall 2024	Complete/start implementing agreements with contract operator
	Procure engineering and permitting support contracts. Address transition issues
TM 2025	Additional authorizations if necessary
Fall 2025	Close on facility purchases; Implement transition to new arrangements
1 Dec 2025	Waste Services Agreement ends; new arrangements begin



Status

Composter purchase	Waste Options informed
Transfer Station purchase	Appraisal complete. Waste options responded to appraisal value. Met on April 27 to negotiate purchase price, characterizing alternative arrangements, address transition issues
Contract Operator RFP	Developed detailed outline. Working on RFP and issues including Vendor interest to make RFP competitive Town Oversight of operations/ maintenance New Town responsibilities (engrg, permitting, pre-qualifying vendors) Town reserve funds for capital upgrades and non-routine maintenance



Evaluation and decision criteria

- Facility control: Owner controls upgrades, changes in technology, changes in operations, and alternative uses of assets when the system changes
- Fee control: Owner controls structure of charges for waste fees and form of operator fees
- Purchase cost: \$ 1M option for Composter, fair market value for Transfer Station (appraisal needed)
- Functional value: Composter for organics, Transfer Station for C&D waste
- Residual value: Can use buildings for other waste handling tasks
- Purchase details: Scope of purchase, condition assessment, capital expenditure before Nov 2025
- Procurement: Terms for procurement of contract operator(s)
- Responsibilities: Owner oversees and pays for operations, maintenance, upgrades/capital projects
- Transitions: Existing staff to new arrangement, licenses, equipment leases, permit transfers
- Uncertainties: PFAS, mainland disposal markets, competition, technology, MassDEP, long-term costs



Town option to purchase the Composter

Per Waste Services Agreement (WSA), Amendment No.1, Item 4

“Waste Options, Inc., agrees that it will negotiate in good faith with the Town to extend the operation of the Agreement at the end of the 25 year period. If an agreement cannot be reached, the Town will have the option to purchase the facility for One Million (\$1,000,000) Dollars or fair market value, whichever is less

Per WSA Section 1.01, “Facility” is defined as

“... the Composting Plant and ancillary facilities, together with roadways, equipment and other improvements to be constructed by WON on the Site as contemplated by this Agreement, all equipment and vehicles used in connection therewith, and all modifications thereof, replacement; and additions thereto.”

From: [Libby Gibson](#)
To: [J. P. Caron II](#)
Cc: ["nathanwidell@comcast.net"; Erika Mooney](#)
Subject: RE: Town Seal for use with Joint Compost products
Date: Friday, April 28, 2023 9:04:00 AM

Thank you, yes, we agree yesterday's meeting was very productive. As discussed, we have added the use of the Town seal request to the 5/3 Select Board agenda and if you can get us a PowerPoint for the compost quality improvement presentation ASAP, that'd be great, thank you.

C. Elizabeth Gibson, ICMA-CM
Town Manager
Town of Nantucket
(508) 228-7255

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From: J. P. Caron II <jpcaron@wasteoptionsnantucket.com>
Sent: Thursday, April 27, 2023 6:03 PM
To: Libby Gibson <LGibson@nantucket-ma.gov>
Cc: 'nathanwidell@comcast.net' <nathanwidell@comcast.net>
Subject: Town Seal for use with Joint Compost products

Hello Libby,

Thank you for allowing us to meet today, it was a very informative and productive meeting. We at WON are respectfully requesting you to seek permission from the Select Board to use the Town of Nantucket seal on the bags for marketing the compost. As you are aware we have taken great strides in making a product the Town can endorse and be proud of. This product is OMRI listed for use on organic farms and any projects looking to use all natural remedies to fertilize grass, gardens or just add to water retention and soil structure. There is a plethora of other uses for this product also.

As discussed, we would be willing to make a presentation to the Select Board about the current state and plans of the product that is produced using their endorsement. We look forward to hearing back for you.

Thank you,
JP Caron II
Waste Options
(302)922-4122