

TOWN OF FALMOUTH
SELECT BOARD
AGENDA
MONDAY, DECEMBER 21, 2020 – 6:30 P.M.
SELECT BOARD MEETING ROOM
TOWN HALL
59 TOWN HALL SQUARE, FALMOUTH, MA 02540

In accordance with the Governor's Order Suspending Certain Provisions of the Open Meeting Law, G. L. c. 30A, § 20, relating to the 2020 novel Coronavirus outbreak emergency, the December 21, 2020 public meeting of the Falmouth Select Board shall be physically closed to the public to avoid group congregation.

Alternative public access to this meeting shall be provided in the following manner:

1. *The meeting will be televised via Falmouth Community Television.*
2. *Real-time public comment can be addressed to the Select Board utilizing the Zoom virtual meeting software for remote access. This application will allow users to view the meeting and send a comment or question to the Chair via the Chat function. Submitted text comments will be read into the record at the appropriate points in the meeting.*
 - a. *Zoom Login instructions:*
 - i. *Instructions and the meeting link for this specific meeting can be found at the following web address: <http://www.falmouthmass.us/BOS>.*
 - ii. *Please plan on 10-15 minutes of preparation time to log in though it may be less if you have previously used Zoom on the device you will use to access this meeting.*
3. *Additionally public comments may be sent in advance of the meeting to selectboard@falmouthma.gov at least 5 hours prior to the beginning of the meeting. Documents and audio or video files may also be submitted via email. Submitted email comments and documents will be made a part of the meeting record and may be read into the record, summarized or displayed during the meeting at the discretion of the chair.*
4. *Applicants, their representatives and individuals with enforcement matters before the Board may appear remotely and are not required to be physically present. Applicants, their representatives and individuals with enforcement matters before the Board may contact the Town Manager/Select Board's Office to arrange an alternative means of real time participation if unable to use the Zoom virtual meeting software. Documentary exhibits and/or visual presentations should be submitted in advance of the meeting to the Town Manager's Office at townmanager@falmouthma.gov so they may be displayed for remote public access viewing.*

AGENDA

6:30 p.m. OPEN SESSION

6:30 p.m. EXECUTIVE SESSION

1. Pursuant to M.G.L. c.30A s.21(a)(2): to conduct strategy sessions in preparation for negotiations with non-union personnel or contract negotiations with non-union personnel (town manager contract)

7:00 p.m. OPEN SESSION

1. Call to Order
2. Pledge of Allegiance
3. Recognition
4. Announcements
5. Public Comment
6. Vote to affirm appointment of Water Superintendent

7:15 p.m. SUMMARY OF ACTIONS

1. Administrative Orders
 - a. Approve Eversource petition to install one (1) 6" conduit, two (2) 6" conduits and four (4) 4'x6'x6' manholes on Menauhant Road, East of Acapesket Road. The proposed locations are required for system reliability.
 - b. Approve Eversource petition to install one (1) 3" conduit and one (1) Handhole #2/H70 on Wild Harbor Road, West of Main Entry Road. The proposed location is required to accommodate new house at 360 Wild Harbor Road.
 - c. Affirm agreement with outside counsel on wastewater matters with DEP

2. Special Events
 - a. Request to temporarily make Parsons Lane one-way – Waquoit Congregational Church – Friday, December 25, 2020 from 10:00 am to 2:00 pm – Christmas meals pick-up

7:30 p.m. PUBLIC HEARINGS

1. Shade Tree Hearing – on application of Peter Killelea for the removal of four (4) Sycamore maple trees abutting 10 Bell Tower Lane, Woods Hole
2. Wetland/Dock Hearing – Wild Harbor Yacht Club for permission to reconstruct the existing boat ramp in the same location as currently exists in and over the waters of Wild Harbor, located at 386 Wild Harbor Road, North Falmouth

7:45 p.m. BUSINESS

1. Interview, vote and appoint committee member: Commission on Disabilities – Caroline Knox
2. Discussion/update on COVID-19 issues
3. Report – Waterways Committee
4. Report – Water Quality Management Committee
5. Update – Complete Streets Prioritization Plan – James McLoughlin, Town Engineer; Cape Cod Commission
6. Presentation and Vote: Green Communities Act Energy Reduction Plan
7. Approve 2021 Annual License Renewals:

ALL ALCOHOL RESTAURANT

East End Tap, 734 Teaticket Highway
The Cape Club, 125 Falmouth Woods Road

INNHOLDER

Inn on the Square, 40 North Main Street

ALL ALCOHOL CLUB

AMVETS, 336 Palmer Avenue

ENTERTAINMENT

East End Tap, 734 Teaticket Highway
The Cape Club, 125 Falmouth Woods Road

ALL ALCOHOL PACKAGE STORE

Murphy's Package Store, 410 West Falmouth Highway

SUNDAY ENTERTAINMENT

The Cape Club, 125 Falmouth Woods Road

COMMON VICTUALLER

Cape Cod Bagel Co. Inc., 419 Palmer Avenue
Dana's Kitchen, 881 Palmer Avenue
Devour, 352 Main Street
East End Tap, 734 Teaticket Highway
Eat Your Heart Out Café & Gourmet Market, 587 Main Street
Falmouth Hospital Cafeteria, 100 Ter Heun Drive
Martha's, 281 Main Street
Peel Pizza, 31 Teaticket Highway
Sweet Rice, 167 Teaticket Highway
The Cape Club, 125 Falmouth Woods Road

CLASS II MOTOR VEHICLES

Battles Used Cars & Trucks, 14 Depot Avenue
Cid's Auto Brokers, 91 Carl Landi Circle
Falmouth Auto Center, Inc, 614 East Falmouth Highway
Falmouth Motorcar, Inc., 716 Teaticket Highway
Pier 37, 64 Scranton Avenue

VEHICLES FOR HIRE

NeveRest Limo, 33 Village Common Drive
White Tie Limousine, 292 Teaticket Highway

8. Discussion/update on special events applications for 2021
9. Discuss and vote 2021 Select Board meeting calendar, including confirming proposed date(s) for joint meeting with the Planning Board in late January/early February
10. Status/update on CDBG-COVID grant to the Town of Falmouth
11. Status/update on the issuance of winter season temporary outdoor restaurant service licenses
12. Individual Select Board members' reports
13. Town Manager's report

Megan English Braga, Chair
Select Board

OPEN SESSION

#6 Vote to affirm appointment of Water Superintendent

Cathal

O'Brien

OBJECTIVE

To obtain a position that will fully utilize my experience, education, and abilities in order to satisfy my desire to help others and further my career.

EXPERIENCE

2019-Present

City of Taunton DPW Water Division

Water Supervisor

> Responsible for the operations, maintenance, planning, and long term improvement of the City of Taunton Waterworks. The Waterworks is an over 100 year old utility that collects over \$12 Million dollars a year in revenue, employs over 25 full time staff, services over 50,000 citizens, and is the second largest distribution system in the Commonwealth. Since 2006, the utility has invested over \$25 Million dollars in MA DEP SRF Loans to improve assets both underground and above ground. The revenue collected per year has increased during this time from \$6 Million to over \$12 Million dollars, while the average daily water treated has decreased from over 7 Million Gallons to less than 6 Million Gallons: equating to significant operational efficiencies and overall system improvement.

2015-2019

Dighton Water District

Water Superintendent/Water Treatment Manager

> Responsible for the operations, maintenance, planning, and long term improvement of the Dighton Water District. The District is an over 50 year old utility that collects over \$2 Million dollars a year in revenue, employs over 8 full time staff, and services over 5,000 citizens. Due to its small size and independent design, the District has become a model for small rural water systems in terms of preparation and upgrades. Since 2015 it has become a leader in treatment optimization, technology updates, and has hosted over 7 student interns to promote treatment training programs in the region.

2006-2015

City of Taunton DPW Water Division

Water Supervisor

> Responsible for the operations, maintenance, planning, and long term improvement of the City of Taunton Waterworks. The Waterworks is an over 100 year old utility that collects over \$10 Million dollars a year in revenue, employs over 30 full time staff, services over 50,000 citizens, and is the second largest distribution system in the Commonwealth. Since 2006, the utility has invested over \$25 Million dollars in MA DEP SRF Loans to improve assets both

0 Jerome Street
Taunton, MA, 02780

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

underground and above ground. The revenue collected per year has increased during this time from \$6 Million to over \$12 Million dollars, while the average daily water treated has decreased from over 7 Million Gallons to less than 6 Million Gallons: equating to significant operational efficiencies and overall system improvement.

2003-2006

City of Taunton DPW Water Division

Sanitary Engineer

- > Responsible to the Water Supervisor to serve as their Assistant and proxy. During this time period, the Waterworks performed significant planning and evaluation to prepare for the major improvements required to operate and maintain the system properly. During this time, several large and important regional agreements were also negotiated, including ones with DCAM for the Dever Wells and the Bridgewater Correctional Facility, the North Dighton Water District, and the Town of Lakeville. The Waterworks also prepared to fully merge with the DPW, so as to function as a division rather than a separate department: specifically for snow removal, roadway repairs, and emergency response.

2000-2003

City of Taunton Department of Conservation Services

Director

- > Responsible to the Conservation Commission for the enforcement of the Wetlands Protection Act, the Rivers Protection Act, and the Taunton Conservation Ordinance. Also responsible for the maintenance of several Commission Passive Recreation properties. The Commission met weekly, and several large projects were approved and constructed during this time, including the MSIP Phases 3 and 4, 2 40 B subdivisions, and the Liberty and Union Industrial Park. During this time thousands of feet of wetlands lines were reviewed in the field, corrected, and approved by the Director.

EDUCATION

1991-1995

URI, Kingston Campus

Bachelor of Science in Resource Development

Grade 4 Distribution and Treatment Operators Licenses, MA Full Status

REFERENCES

References are available upon request.

SUMMARY OF ACTIONS

#1 Administrative Orders

- a. Approve Eversource petition to install one (1) 6" conduit, two (2) 6" conduits and four (4) 4'x6'x6' manholes on Menauhant Road, East of Acapesket Road. The proposed locations are required for system reliability.



Town of Falmouth

Department of Public Works - Engineering Division

416 Gifford Street, Falmouth, MA 02540
Office: 508-457-2543, Fax: 508-548-1537

Nicholas Croft, Engineering Technician

nicholas.croft@falmouthma.gov

Date: December 17, 2020

To: Board of Selectmen

From: Nicholas Croft, Hearing Officer

Subject: Eversource – Petition to install ±770' of conduit, ±310' of fiberglass conduit and 4 manholes

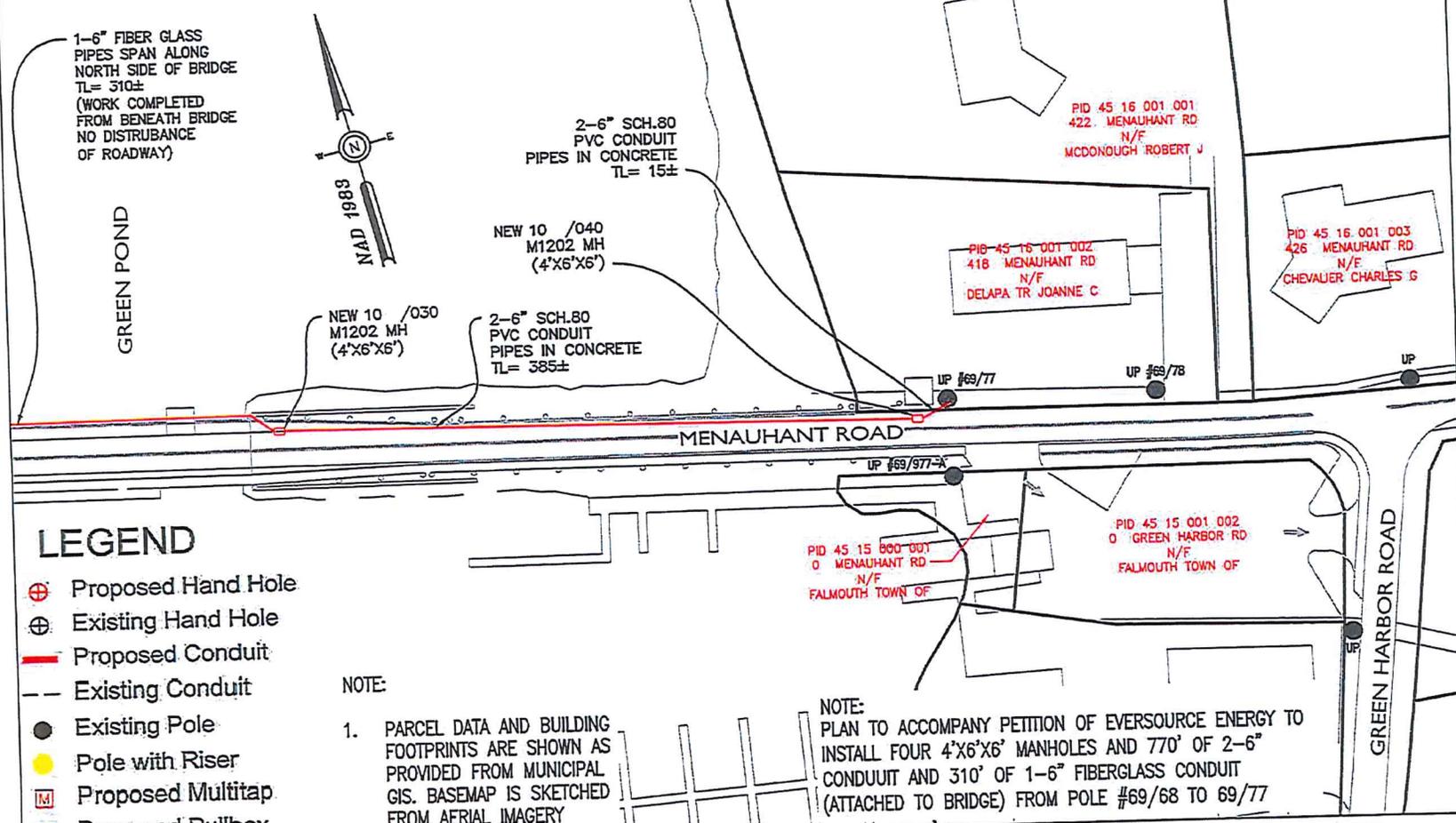
A petition was submitted by Eversource to install ±770' of conduit, ±310' of fiberglass conduit (attached to the bridge) and four 4'x6'x6' manholes from Pole #69/68 to #69/77 on Menauhant Road to improve service in the area.

The Engineering recommendation is to approve the request as submitted on Plan No. 4104970, W/O #4104970, dated Nov 9, 2020. A Temporary Traffic Control Plan has also been submitted with the petition. We recommend approval providing that all work shall be in conformance with the Manual of Uniform Traffic Control Devices (MUTCD) current edition with Massachusetts Amendments. The applicant will be responsible for arranging police details.

Eversource Reminder: All Street Openings require a permit obtained from the Engineering Office.

Thank you,

Nicholas Croft
Engineering Technician
DPW Engineering Division



LEGEND

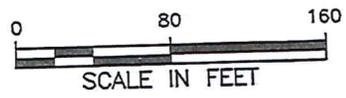
- Proposed Hand Hole
- Existing Hand Hole
- Proposed Conduit
- Existing Conduit
- Existing Pole
- Pole with Riser
- Proposed Multitap
- Proposed Pullbox

NOTE:

1. PARCEL DATA AND BUILDING FOOTPRINTS ARE SHOWN AS PROVIDED FROM MUNICIPAL GIS. BASEMAP IS SKETCHED FROM AERIAL IMAGERY

NOTE:

PLAN TO ACCOMPANY PETITION OF EVERSOURCE ENERGY TO INSTALL FOUR 4'X6'X6' MANHOLES AND 770' OF 2-6" CONDUIT AND 310' OF 1-6" FIBERGLASS CONDUIT (ATTACHED TO BRIDGE) FROM POLE #69/68 TO 69/77



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MASS. LAW
 REQUIRES 72 HOURS ADVANCE NOTICE TO UTILITY COMPANIES BEFORE DIGGING BY ANYONE. CALL DIG-SAFE 1-888-344-7233

C#	
Ward #	
Work Order #	4104970
Surveyed by:	
Research by:	
Plotted by:	NITSCH
Proposed Structures:	
Approved:	
P#	

NESTAR EVERSOURCE
 ELECTRIC
 d/b/a
 1105 MASSACHUSETTS AVE. DORCHESTER, MASS. 02125

Plan of	MENUAHANT ROAD
Research by:	FALMOUTH, MA
Showing	
Scale	1"=80'
Date	11/9/2020
SHEET	2 of 2

NOTE:
 1. PARCEL DATA AND BUILDING FOOTPRINTS ARE SHOWN AS PROVIDED FROM MUNICIPAL GIS. BASEMAP IS SKETCHED FROM AERIAL IMAGERY

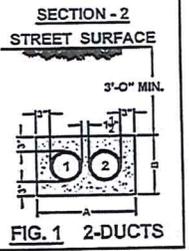
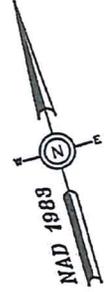
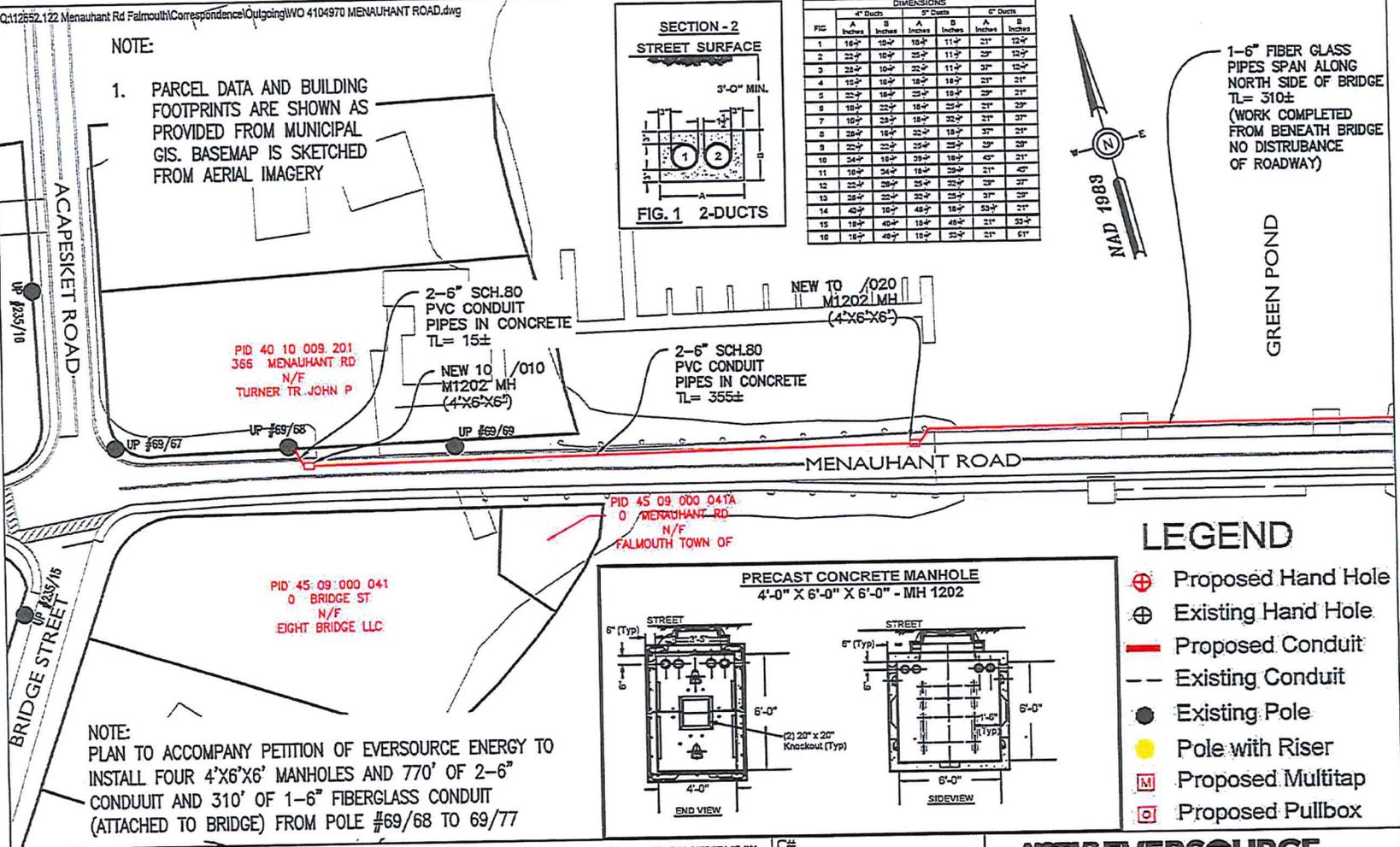


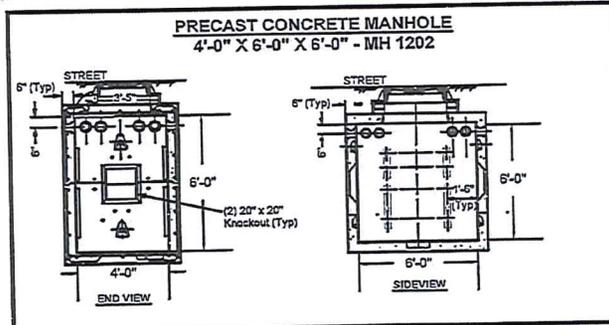
FIG	4" Ducts		5" Ducts		6" Ducts	
	A Inches	B Inches	A Inches	B Inches	A Inches	B Inches
1	16'-0"	12'-0"	18'-0"	11'-0"	21'-0"	12'-0"
2	22'-0"	10'-0"	22'-0"	11'-0"	23'-0"	12'-0"
3	28'-0"	10'-0"	22'-0"	11'-0"	27'-0"	12'-0"
4	18'-0"	16'-0"	18'-0"	18'-0"	21'-0"	21'-0"
5	22'-0"	18'-0"	22'-0"	18'-0"	23'-0"	21'-0"
6	18'-0"	22'-0"	18'-0"	22'-0"	21'-0"	23'-0"
7	10'-0"	23'-0"	18'-0"	22'-0"	21'-0"	27'-0"
8	28'-0"	18'-0"	22'-0"	18'-0"	27'-0"	21'-0"
9	22'-0"	22'-0"	22'-0"	22'-0"	23'-0"	28'-0"
10	24'-0"	18'-0"	22'-0"	18'-0"	43'-0"	21'-0"
11	18'-0"	34'-0"	18'-0"	22'-0"	21'-0"	43'-0"
12	22'-0"	28'-0"	22'-0"	22'-0"	23'-0"	27'-0"
13	28'-0"	22'-0"	22'-0"	22'-0"	23'-0"	27'-0"
14	48'-0"	18'-0"	48'-0"	18'-0"	53'-0"	21'-0"
15	18'-0"	48'-0"	18'-0"	22'-0"	21'-0"	53'-0"
16	18'-0"	48'-0"	18'-0"	22'-0"	21'-0"	51'-0"



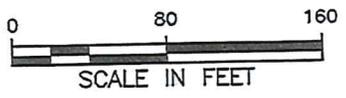
1-6" FIBER GLASS PIPES SPAN ALONG NORTH SIDE OF BRIDGE
 TL= 310±
 (WORK COMPLETED FROM BENEATH BRIDGE NO DISTURBANCE OF ROADWAY)



NOTE:
 PLAN TO ACCOMPANY PETITION OF EVERSOURCE ENERGY TO INSTALL FOUR 4'x6'x6" MANHOLES AND 770' OF 2-6" CONDUIT AND 310' OF 1-6" FIBERGLASS CONDUIT (ATTACHED TO BRIDGE) FROM POLE #69/68 TO 69/77



- LEGEND**
- ⊕ Proposed Hand Hole
 - ⊗ Existing Hand Hole
 - Proposed Conduit
 - - - Existing Conduit
 - Existing Pole
 - Pole with Riser
 - [M] Proposed Multitap
 - [□] Proposed Pullbox



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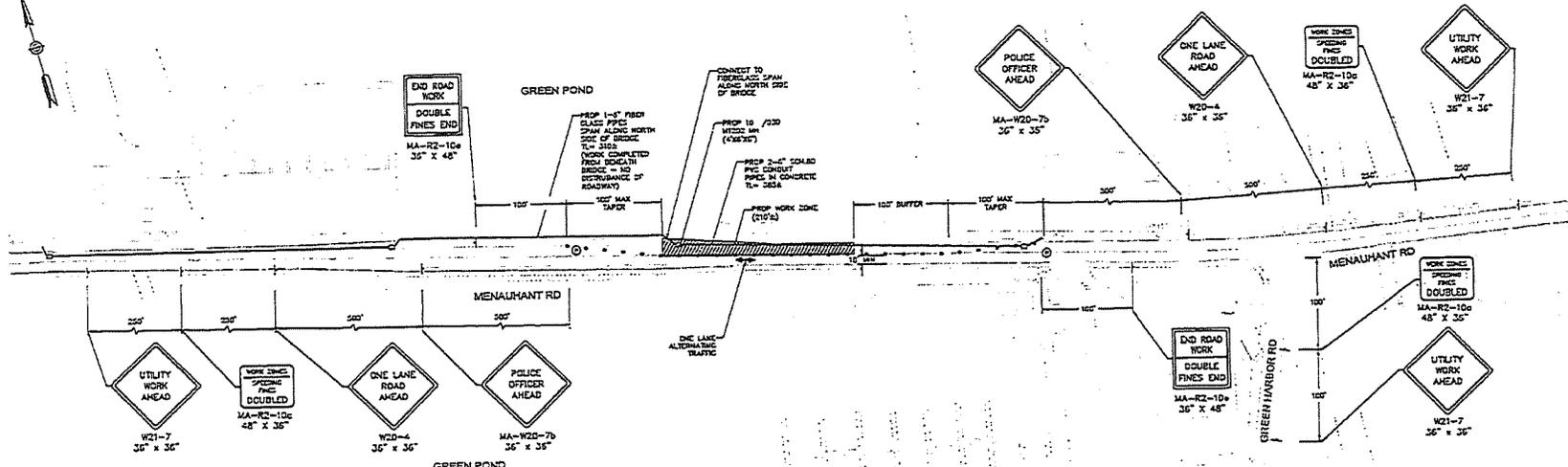
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C#	ASTAR EVERSOURCE ELECTRIC d/b/a 1185 MASSACHUSETTS AVE. DORCHESTER, MASS. 02125	
Ward #	Plan of MENAUAHANT ROAD	
Work Order # 4104970	FALMOUTH, MA	
Surveyed by:	Showing	
Research by:	Scale 1"=80'	
Plotted by: NITSCH	Date 11/9/2020	
Proposed Structures:	SHEET 1 of 2	
Approved:		
P#		

DWG# 4104970-3

MENAUHANT RD
FALMOUTH, MA
SHEET 3 OF 4



DATE: 08/14/2013
 TIME: 10:00 AM
 PROJECT: MENAUHANT RD - FALMOUTH, MA
 DRAWN BY: J. B. BROWN
 CHECKED BY: J. B. BROWN
 APPROVED BY: J. B. BROWN

North Engineering
 200 Park Center
 Westwood, MA 01981
 T: 417-568-8888
 F: 417-568-8887

APPLICANT
 EVERSOURCE ENERGY COMPANY
 ONE NCTAR WAY, SC 310
 WESTWOOD, MASSACHUSETTS 02220

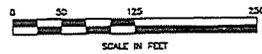
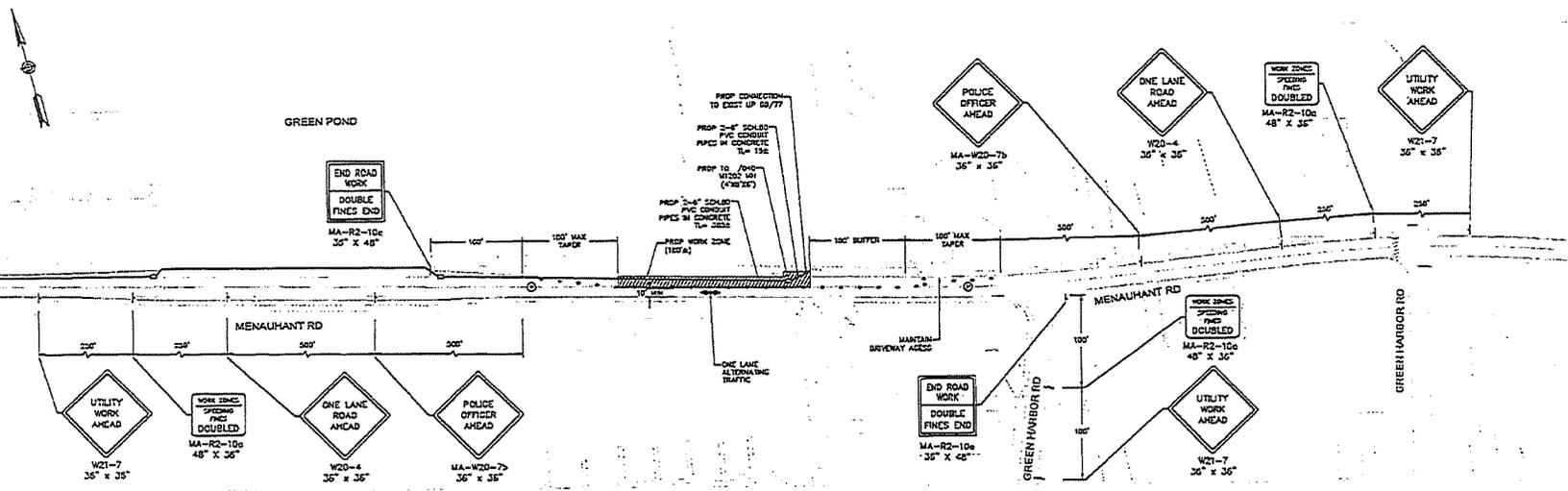
NO.	DATE	DESCRIPTION	BY	CHKD.	APPV'D.	SCALE	REVISIONS	DATE	BY	CHKD.	APPV'D.	DATE	BY	CHKD.	APPV'D.

EVERSOURCE ENERGY
 TEMPORARY TRAFFIC CONTROL PLAN
 MENAUHANT ROAD
 FALMOUTH, BARNSTABLE COUNTY, MA

(1)

104970-4

MENAUHANT RD
FALMOUTH, MA
SHEET 4 OF 4



CONTRACT NO. 104970-4
 DATE: 08/20/2020
 PROJECT: MENAUHANT RD TRAFFIC CONTROL
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 DATE: 08/20/2020

North Engineering
 25 Commercial Street, Suite 400
 Falmouth, MA 02540
 T: (508) 552-0000
 F: (508) 552-0000

APPLICANT:
 EVERSOURCE ENERGY COMPANY
 ONE HSTAR WAY, 310
 WESTWOOD, MASSACHUSETTS 02090

NO.	DATE	DESCRIPTION OF REVISIONS	BY	CHECKED	APPROVED	NO.	DATE	FUNCTIONS BY ACTION	BY	CHECKED	APPROVED	DATE OF PREVIOUS EDITION	NUMBER

EVERSOURCE
 TEMPORARY TRAFFIC CONTROL PLAN
 MENAUHANT ROAD
 FALMOUTH, BARNSTABLE COUNTY, MA

APPROVED: _____
 DATE: 8/20/2020
 PROJECT: 104970-4
 STATION: _____

16



50 Duchaine Blvd
New Bedford, MA 02745

November 20, 2020

Select board
Town Hall
Falmouth, MA 02540



Select board:

Enclosed is a petition for proposed conduit locations and 4 proposed manhole location(s) on **Menauhant Road, Falmouth**, Massachusetts.

These proposed location(s) are required for system reliability. This petition will require a notice to abutters and a hearing.

Will you please present this petition before the Board for customary action and approval.

Very truly yours,

Donna Rosa
Right-of-Way
Representative

DR: dh
Enclosures

**PETITION FOR
UNDERGROUND CABLE AND CONDUIT LOCATIONS**

Falmouth, Massachusetts

NOVEMBER 9, 2020

To the Board of Selectmen of **Falmouth**, Massachusetts

NSTAR ELECTRIC COMPANY (d/b/a Eversource Energy) requests permission to locate underground cables, conduits and manholes, including the necessary sustaining and protecting fixtures, in, under, along and across the following public way or ways:-

**MENAUHANT ROAD, East of Acapesket Road
WO# 4104970**

**One (1) 6" Conduit
Two (2) 6" Conduit
Four (4) 4'X6'X6' Manholes**

Wherefore it prays that after due notice and hearing as provided by law, it be granted a location for and permission to install and maintain underground cables, and manholes, together with such sustaining and protecting fixtures as it may find necessary, said underground cables, conduits, and manholes to be installed substantially in accordance with the plan filed herewith marked Plan No. **4104970**, Dated **NOVEMBER 9, 2020**.

NSTAR ELECTRIC COMPANY (d/b/a Eversource Energy)

By.....
Right-of-Way Representative



TOWN OF FALMOUTH

Office of the Town Manager & Selectmen

59 Town Hall Square, Falmouth, Massachusetts 02540

Telephone (508) 495-7320

Fax (508) 457-2573

NOTICE OF PUBLIC HEARING

You are hereby notified that a hearing will be held utilizing Zoom virtual meeting software at 2:00 p.m. on Thursday, December 17, 2020, upon the petition of NSTAR Electric Company d/b/a Eversource Energy for the installation of One (1) 6" Conduit, Two (2) 6" Conduits and Four (4) 4' x 6' x 6' Manholes on Menauhant Road, East of Acapesket Road.

Please click the link below to join the webinar:

<https://zoom.us/j/99579551026>

Or iPhone one-tap:

US: +16465588656,, 99579551026# or +13017158592,,99579551026#

Or Telephone:

Dial (for higher quality, dial a number based on your current location):

US: +1 646 558 8656 or +1 301 715 8592 or +1 312 626 6799 or +1 669 900 9128 or +1 253 215 8782 or +1 346 248 7799

Webinar ID: 995 7955 1026

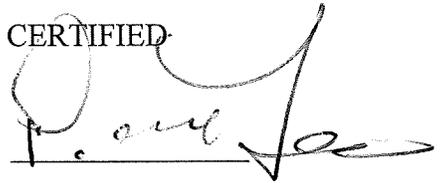
International numbers available: <https://zoom.us/u/abZdrR0U95>

Per order of the Select Board

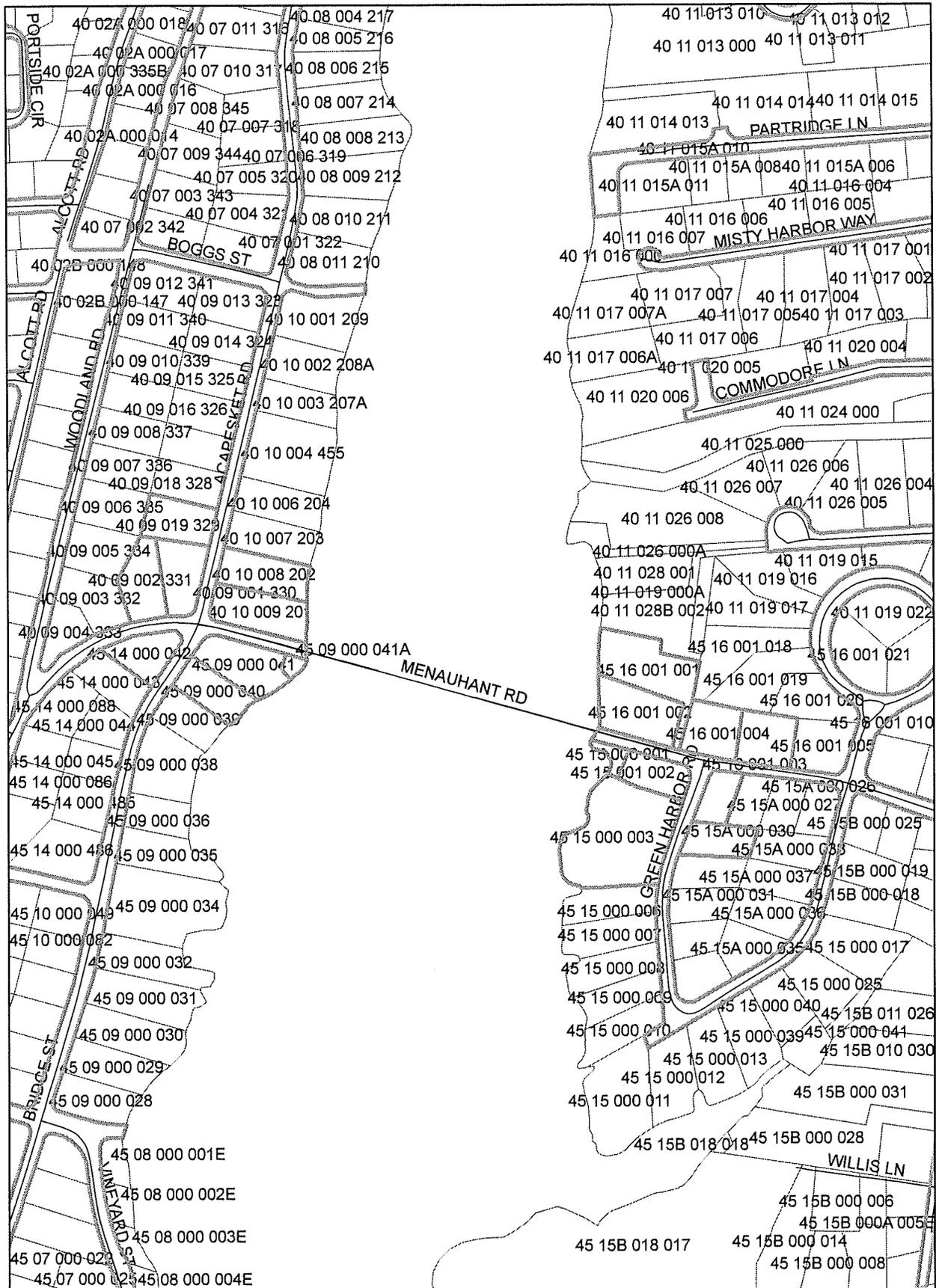
Publication date: Friday, November 27, 2020; Falmouth Enterprise

40 10 009 201
45 16 001 002
45 16 001 001
45 16 001 003
45 15 000 001
45 15 001 002

CERTIFIED

A handwritten signature in black ink, appearing to read 'Patricia Favulli', written over a horizontal line.

Patricia A Favulli
Director of Assessing
Town of Falmouth
NOVEMBER 25, 2020



8 BRIDGE ST 8 BRIDGE ST HOLDINGS LLC 30231 CHERET PL C/O BETTY WATANABE RANCHO PALOS. CA 90275	45 09 000 040 LUC: 101	366 Mенауhant RD GREEN POND HOLDINGS LLC 366 Mенауhant RD E FALMOUTH. MA 02536	40 10 009 201 LUC: 384
348 Mенауhant RD BASINSKI JR ESTATE OF EDWARD J BASINSKI PAMELA J 153 FORT HILL AVE PITTSFIELD. MA 01201	40 09 002 331 LUC: 101	74 GREEN HARBOR RD GREEN POND MARINA ASSOCS INC PO BOX 343 C/O FRED LEACH EAST FALMOUTH. MA 02536-0343	45 15 000 003 LUC: 384
1 BRIDGE ST BONOLI STEVEN R BONOLI DENISE PO BOX 991 E FALMOUTH. MA 02536	45 14 000 042 LUC: 101	469 ACAPESKET RD GUINAN KEVIN J GUINAN CHERYL A 6 TALBOT ST NORTON. MA 02766	40 09 001 330 LUC: 101
0 BRIDGE ST CATALDO RALPH J CATALDO MICHELLE C 33 DRY RUN RD EAST FALMOUTH. MA 02536	45 09 000 041 LUC: 130	434 Mенауhant RD MACAFEE KENNETH A MACAFEE KATHLEEN M 29 HIGHLAND CT NEEDHAM. MA 02492	45 16 001 004 LUC: 101
426 Mенауhant RD CHEVALIER CHARLES G 21 PACKARD DR BRAINTREE. MA 02184	45 16 001 003 LUC: 101	422 Mенауhant RD MCDONOUGH ROBERT J MCDONOUGH JUDITH M 23 HATHAWAY RD LEXINGTON. MA 02420-1853	45 16 001 001 LUC: 101
418 Mенауhant RD DELAPA TR JOANNE C DELCOR REALTY TRUST 511 WASHINGTON ST NORWOOD. MA 02062-2237	45 16 001 002 LUC: 101	77 GREEN HARBOR RD R INVESTMENTS LLC 100 RANDALL RD UNIT 205 WRENTHAM. MA 02093	45 15A 000 029 LUC: 101
0 Mенауhant RD FALMOUTH TOWN OF 59 TOWN HALL SQ FALMOUTH. MA 02540-2761	45 09 000 041A LUC: 936	465 ACAPESKET RD TURNER HARRY 5 QUIMBY LN EAST FALMOUTH. MA 02536	40 09 019 329 LUC: 101
0 Mенауhant RD FALMOUTH TOWN OF 59 TOWN HALL SQ FALMOUTH. MA 02540-2761	45 15 000 001 LUC: 980	71 GREEN HARBOR RD WAGGETT JOHN 19 CONWAY ST ROSLINDALE. MA 02131	45 15A 000 030 LUC: 101
0 GREEN HARBOR RD FALMOUTH TOWN OF 59 TOWN HALL SQ FALMOUTH. MA 02540-2761	45 15 001 002 LUC: 980		
470 ACAPESKET RD GREEN POND HOLDINGS LLC 366 Mенауhant RD E FALMOUTH. MA 02536-7404	40 10 008 202 LUC: 384		

#1 Administrative Orders

- b. Approve Eversource petition to install one (1) 3" conduit and one (1) Handhole #2/H70 on Wild Harbor Road, West of Main Entry Road. The proposed location is required to accommodate new house at 360 Wild Harbor Road.



Town of Falmouth

Department of Public Works - Engineering Division

416 Gifford Street, Falmouth, MA 02540
Office: 508-457-2543, Fax: 508-548-1537

Nicholas Croft, Engineering Technician

nicholas.croft@falmouthma.gov

Date: December 17, 2020

To: Board of Selectmen

From: Nicholas Croft, Hearing Officer

Subject: Eversource – Petition to install $\pm 40'$ of conduit and a handhole on Wild Harbor Road

A petition was submitted by Eversource to install $\pm 40'$ of conduit and a handhole from Pole 2/H70 to Pole 2/H70A for a new house at 360 Wild Harbor Road.

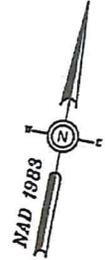
The Engineering recommendation is to approve the request as submitted on Plan No. 2411575, W/O #2411575, dated Oct 31, 2020.

Eversource Reminder: All Street Openings require a permit obtained from the Engineering Office.

Thank you,

Nicholas Croft
Engineering Technician
DPW Engineering Division

Plan to accompany petition of EVERSOURCE ENERGY to install 40'± of conduit and handhole from handhole 2/H70 to 2/H70A for new house 360 Wild Harbor Road.



Parcel ID: 04 00A 000 243
4 DOWNER RD
N/F
MOSESIAN ROBERT J
MOSESIAN KATHLEEN M

MAIN ENTRY RD

2/70

2/H70

2/69

1-3" CONDUIT SCHED 80
TL=40'±

WILD-HARBOR RD

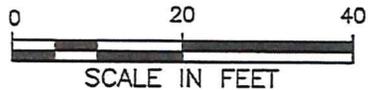
LEGEND

- ⊕ Proposed Hand Hole
- ⊗ Existing Hand Hole
- Proposed Conduit
- - - Existing Conduit
- Proposed Pole
- Existing Pole
- Ⓜ Proposed Multitap
- Ⓜ Proposed Manhole

2/H70A

Parcel ID: 04 05 018A 018
360 WILD HARBOR RD
N/F
SUSI BARBARA

Parcel ID: 04 05 012A 012
354 WILD HARBOR RD
N/F
FARESE VINCENT JOHN
FARESE KATLEEN M



BY YOUR USE OF THE INFORMATION CONTAINED IN THIS MAP, YOU AGREE THAT NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, IS GIVEN WITH RESPECT TO THE INFORMATION. NEITHER NSTAR ELECTRIC COMPANY, NSTAR GAS COMPANY NOR ITS PARTNERS, AFFILIATES, OFFICERS, DIRECTORS, SHAREHOLDERS, EMPLOYEES OR AGENTS (COLLECTIVELY THE "NSTAR ENTITIES") SHALL BE LIABLE FOR ANY LOSS OR INJURY CAUSED IN WHOLE OR IN PART BY USE OF THIS INFORMATION OR IN RELIANCE UPON IT, TO THE MAXIMUM EXTENT ALLOWED BY LAW, YOU AGREE BY YOUR ACCEPTANCE OF THE INFORMATION TO RELEASE, INDEMNIFY AND HOLD THE NSTAR ENTITIES HARMLESS FROM ANY SUCH LOSS OR INJURY.

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MASS. LAW
REQUIRES 72 HOURS ADVANCE NOTICE TO UTILITY COMPANIES
BEFORE DIGGING BY ANYONE. CALL DIG-SAFE 1-888-344-7233

Plan# 2411575
Ward #
Work Order # 2411575
Surveyed by: N/A
Research by: N/A
Plotted by: TL
Proposed Structures: TL
Approved: T. THIBAUT
P#

NSTAR EVERSOURCE <small>Electric d/b/a</small> 1165 MASSACHUSETTS AVE. DORCHESTER, MASS. 02125	
Plan of WILD HARBOR ROAD	
FALMOUTH	
Showing PROPOSED HANDHOLE AND CONDUIT LOCATION	
Scale 1"=20'	Date 10/31/20
SHEET 1 of 1	

CA-103 EO REV. 8-82



50 Duchaine Blvd
New Bedford, MA 02745

November 17, 2020

Select board
Town Hall
Falmouth, MA 02540

Select board:

Enclosed is a petition for 1 proposed conduit location(s) on **Wild Harbor Road, Falmouth,** Massachusetts.

This proposed location(s) is required to accommodate new house at 360 Wild Harbor Road. This petition will require a notice to abutters and a hearing.

Will you please present this petition before the Board for customary action and approval.

Very truly yours,

Donna Rosa
Right-of-Way
Representative

DR: dh
Enclosures

**PETITION FOR
UNDERGROUND CABLE AND CONDUIT LOCATIONS**

Falmouth, Massachusetts

OCTOBER 31, 2020

To the Board of Selectmen of **Falmouth**, Massachusetts

NSTAR ELECTRIC COMPANY (d/b/a Eversource Energy) requests permission to locate underground cables, conduits and manholes, including the necessary sustaining and protecting fixtures, in, under, along and across the following public way or ways:-

**WILD HARBOR ROAD, Wet of Main Entry Road
WO# 2411575**

**One (1) 3" Conduit
One (1) Handhole #2/H70**

Wherefore it prays that after due notice and hearing as provided by law, it be granted a location for and permission to install and maintain underground cables, and manholes, together with such sustaining and protecting fixtures as it may find necessary, said underground cables, conduits, and manholes to be installed substantially in accordance with the plan filed herewith marked Plan No. **2411575**, Dated **OCTOBER 31, 2020**.

NSTAR ELECTRIC COMPANY (d/b/a Eversource Energy)

By..........
Right-of-Way Representative



TOWN OF FALMOUTH

Office of the Town Manager & Selectmen

59 Town Hall Square, Falmouth, Massachusetts 02540

Telephone (508) 495-7320

Fax (508) 457-2573

NOTICE OF PUBLIC HEARING

You are hereby notified that a hearing will be held utilizing Zoom virtual meeting software at 2:00 p.m. on Thursday, December 17, 2020, upon the petition of NSTAR Electric Company d/b/a Eversource Energy for the installation of One (1) 3" Conduit and One (1) Handhole on Wild Harbor Road, West of Main Entry Road.

Please click the link below to join the webinar:

<https://zoom.us/j/99579551026>

Or iPhone one-tap:

US: +16465588656, 99579551026# or +13017158592, 99579551026#

Or Telephone:

Dial (for higher quality, dial a number based on your current location):

*US: +1 646 558 8656 or +1 301 715 8592 or +1 312 626 6799 or +1 669 900 9128 or +1 253 215 8782
or +1 346 248 7799*

Webinar ID: 995 7955 1026

International numbers available: <https://zoom.us/j/99579551026>

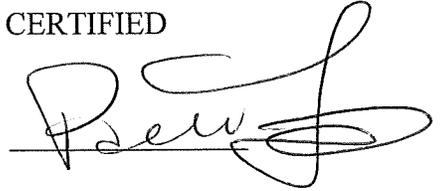
Per order of the Select Board

Publication date: Friday, November 27, 2020; Falmouth Enterprise

Account #: 2056

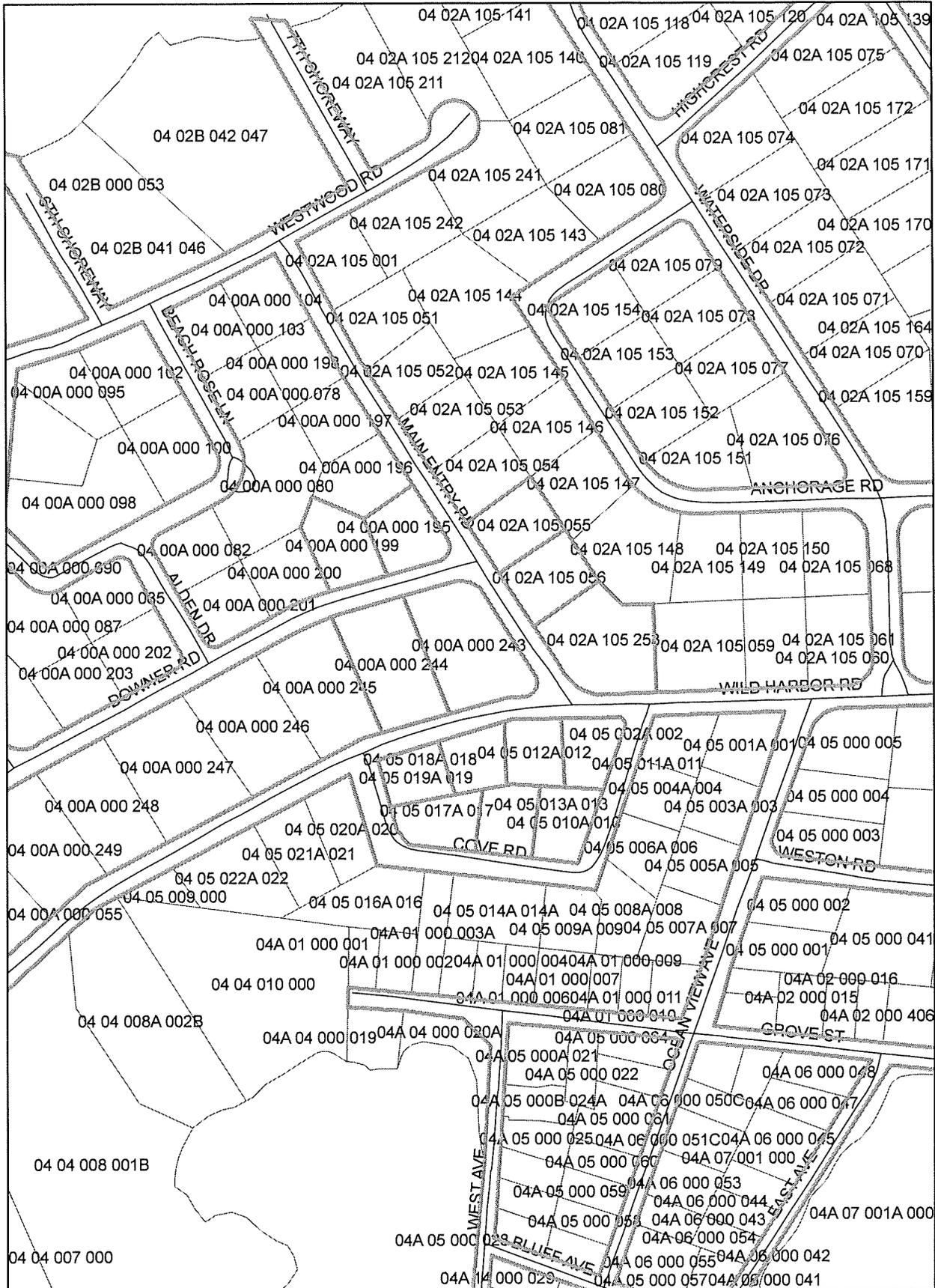
**360 WILD HARBOR RD
4 DOWNER RD**

CERTIFIED

A handwritten signature in black ink, appearing to read 'Patricia A Favulli', written over a horizontal line. The signature is stylized and cursive.

Patricia A Favulli
Director of Assessing
Town of Falmouth
NOVEMBER 18, 2020

0 WILD HARBOR & 4 DOWNER



9 DOWNER RD	04 00A 000 199	18 MAIN ENTRY RD	04 00A 000 195
BAILEY ALLISON	LUC: 101	SOUTHEY HYLTON R	LUC: 101
37 PHILBRICK DR		SOUTHEY JUDY L	
BROOKLINE. MA 02445		14 STRAWBERRY HILL RD	
		SOUTHBOROUGH. MA 01772	
3 MAIN ENTRY RD	04 02A 105 253	360 WILD HARBOR RD	04 05 018A 018
BELFORT TRUSTEE GEORGES	LUC: 101	SUSI BARBARA	LUC: 101
BELFORT TRUSTEE MARLENE		42 ROSEMARY ST	
162 FONT GROVE RD		NORWOOD. MA 02062	
SLINGERLANDS. NY 12159-3800			
7 MAIN ENTRY RD	04 02A 105 056	33 COVE RD	04 05 019A 019
DALLAIRE MICHAEL	LUC: 101	SUSI TRUSTEE JOSEPH R	LUC: 101
DALLAIRE LISA		ANSELONE TRUSTEE PAULA	
162 HARRINGTON RD		29 LANDAU RD	
WALTHAM. MA 02452		PLAINVILLE. MA 02762	
8 DOWNER RD	04 00A 000 244		
DENEEN JR MICHAEL E	LUC: 101		
DENEEN CAROLYN E			
45 WOODLAND ST			
NATICK. MA 01760-5436			
354 WILD HARBOR RD	04 05 012A 012		
FARESE VINCENT JOHN	LUC: 101		
FARESE KATHLEEN M			
PO BOX 1494			
N FALMOUTH. MA 02556			
25 COVE RD	04 05 017A 017		
FOLEY TRUSTEE LORAIN S	LUC: 101		
25 COVE RD RLTY TRUST			
2 HOMEWOOD RD			
W ROXBURY. MA 02132-3404			
19 COVE RD	04 05 013A 013		
GROSS JOHN E	LUC: 101		
TWITCHELL-GROSS PAMELA			
PO BOX 723			
NORTH FALMOUTH. MA 02556			
15 MAIN ENTRY RD	04 02A 105 055		
HURLEY ARTHUR J	LUC: 101		
HURLEY LISA B			
668 GROVE ST			
NORWELL. MA 02061-1206			
4 DOWNER RD	04 00A 000 243		
MOSESIAN ROBERT J	LUC: 101		
MOSESIAN KATHLEEN M			
4 DOWNER RD			
NORTH FALMOUTH. MA 02556			
5 COVE RD	04 05 011A 011		
NOONAN TRUSTEE PAUL D	LUC: 101		
NOONAN TRUSTEE JOHN P			
415 WEST ST			
WEST BRIDGEWATER. MA 02379			

#1 Administrative Orders

- c. Affirm agreement with outside counsel on wastewater matters with DEP

Diane Davidson

From: Frank Duffy
Sent: Friday, December 18, 2020 8:39 AM
To: Julian Suso; Peter Johnson-Staub
Cc: Diane Davidson; Irie Mullin; Amy Lowell; Peter McConarty
Subject: Special counsel for New Silver Beach WWTF

Julian: In the matter of the New Silver Beach WWTF discharge permit, the Buzzards Bay Coalition has appealed the permit conditions to the DEP alleging the permit is inadequate to protect the waters of Buzzards Bay. The appeal asks the DEP to order the town to sewer additional neighbors in the West Falmouth (Wild Harbor) area and for further constraints on the discharge. The appeal is now pending before an Administrative Law Judge in the division of Administrative Law Appeals. Amy Lowell has discussed the appeal with Irie Mullin and me. This is the second time BBC has appealed a discharge permit. We anticipate it will appeal all DEP decisions regarding wastewater discharge permits in Falmouth. Because the issues are technical in nature and wastewater discharge permitting is a matter requiring specialized knowledge and experience, our recommendation is to engage special counsel to represent Falmouth in this appeal.

Irie has researched counsel with the requisite experience and identified the firm of Andersen & Kreiger. At the same time I reached out to law departments of other towns and determined that the Town of Barnstable has engaged A&K for its wastewater permitting issues and Barnstable reported its approval and satisfaction with them and specifically Colin Van Dyke and his associates. We have conducted an interview on Zoom (with your participation) and found Colin and his associate Jessica Wall to be knowledgeable and experienced in wastewater permitting and DEP appeals. A&K is a firm with many municipal clients and its attorneys are town counsel for Concord and several other eastern Mass. municipalities. We recommend its engagement as special counsel for the DEP appeal.

The New Silver Beach appeal is important on several levels. The BBC has asked the DEP to order the Town of Falmouth to sewer more of the West Falmouth residential neighborhoods at a time when the town has determined to devote its resources to the south coast neighborhoods. The town cannot tolerate the additional financial burden of such a mandate. Additionally we can reasonably expect BBC to appeal all wastewater permits in the years going forward, including the main wastewater treatment plant, so a concerted defense now and in the future is very important.

Frank K. Duffy, Town Counsel
Town of Falmouth
157 Locust Street
Falmouth, MA 02540
(508) 548-8800 fax (508) 540-0881

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#2 Special Events

- a. Request to temporarily make Parsons Lane one-way – Waquoit Congregational Church – Friday, December 25, 2020 from 10:00 am to 2:00 pm – Christmas meals pick-up

WAQUOIT CONGREGATIONAL CHURCH
UNITED CHURCH OF CHRIST
15 PARSONS LANE • WAQUOIT, MA 02536 • (508) 548-5269

December 10, 2020

Select Board
Town of Falmouth
Falmouth, MA

Dear Select Board Members,

The Waquoit Congregational Church requests to have Parsons Lane temporarily deemed one-way from Route 28 to Studley Street (west to east), from 10 am to 2 pm on Friday, Dec. 25, 2020. The church is giving free Christmas meals to go to the community during that time, and the one-way designation will help with traffic flow.

This is the same traffic pattern we request every year for our summer bazaar. We have the appropriate traffic cones and saw horses. We also have several law enforcement people volunteering for traffic control for the event.

Please let me know if you have any questions or concerns. I appreciate your consideration. And if you would a Christmas meal to go for you and your family, please let me know. They are available to anyone who reserves in advance.

Sincerely,

Nell Fields

Rev. Nell Fields

Free Christmas Dinner

Presented by the Waquoit Congregational Church.
Prepared by chefs at the Buffalo Jump Restaurant.
All cooked, packaged, ready for pick up at church.
Order ahead; we'll bring dinner to your car.



Roasted turkey
breast and all the
trimmings; dessert.
Reheat and serve!

Drive Through, Pickup Only*

RSVP required. You MUST order by Dec. 20

Call 508-548-5269 or email waquoitucc@comcast.net;

Leave your name, phone number, and
number of meals needed. All are welcome!

Pick up: Friday, Dec. 25 • 11 AM - 2 PM at church

*Limited deliveries available. Inquire at church.

WAQUOIT CONGREGATIONAL CHURCH
15 Parsons Lane • E. Falmouth

Diane Davidson

From: Diane Davidson
Sent: Friday, December 11, 2020 3:53 PM
To: Boyd Demello; Brian Reid; Bruce Mogardo; Diane Davidson; Jim Grady; Julian Suso; Peter Johnson-Staub; Peter McConarty; Scott McGann; Sean Doyle; Timothy Smith
Cc: Melinda Rebelo
Subject: Request for One-Way Traffic Parsons Lane - Waquoit Congregational Church
Attachments: SE-2020-Waquoit Congregational Church-Parsons Lane One-Way.pdf

To all,

Attached please find a request from the Waquoit Congregational Church to temporarily make Parsons Lane one-way on Friday, December 25, 2020 from 10:00 am to 2:00 pm to accommodate the flow of traffic for the pick-up of free Christmas meals.

Please review and provide your recommendations for the Select Board by Thursday December 17. I have scheduled this request on the Monday, December 21, 2020 Select Board meeting.

Thank you,

Diane

*Diane S. Davidson
Office Manager/Licensing
Office of the Town Manager and Select Board
Town of Falmouth
59 Town Hall Square
Falmouth, MA 02540
diane.davidson@falmouthma.gov
(508) 495-7321*

Town Manager's Working Group Review Form

Meeting/Review Date: 12/21/20
 Event Name: Free Christmas Meals - Drive through, pickup only. Meals prepared by Buffalo Jump Restaurant. Pre-packaged.
 Applicant: Waquoit Congregational Church, Rev. Nell Fields
 Location: One-way traffic on Parsons Lane
 Date of Event: Friday, December 25, 2020 Time: 10:00 am - 2:00 pm
 Set-Up Date: _____ Rain Date: None.
 Recurrence/# Years at Site: _____
 Signs: Y/N Yes How Many: _____ Where: _____
 One-Day Liquor License? Y/N No

Reviewers/Sign In :	<u>Print Name</u>	<u>Sign Name</u>	<u>Written Referral</u>
Department of Public Works:			
Parks Department	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>
Highway Department	_____	_____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Engineering	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>
Other	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>
Police Department	_____	_____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Fire Department	_____	_____	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Recreation Director	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>
Building Commissioner	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>
Health Department	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>
Beach Department	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>
M.E.S.	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>
Design Review Committee	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>
Bikeways Committee	_____	_____	Y <input type="checkbox"/> N <input type="checkbox"/>

Does this Event Meet the Minimum Requirements of the Special Events Policy? – Yes/No
 If No, what are the shortfalls of the application that must be addressed?
 Yes. _____

Special Events Approved or Requested on this Date or Weekend:

Event	Location	Date
None. _____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Known Private Events on this Date or Weekend:

_____	_____	_____
_____	_____	_____
_____	_____	_____

Correspondence Received:

Additional Requests:

Requesting one-way traffic on Parsons Lane, flowing from Route 28 to Parsons Lane to Studley Street to Route 28. Similar to the Waquoit Summer Bazaar.

Drive through, pick up only. Meals prepared by chefs at Buffalo Jump Restaurant. All cooked and pre-packaged.

Special Consideration – Events Proposed on Main Streets of Villages

What measures/conditions are recommended for the Board to consider to respond to potential parking and traffic congestion in proposed area:

Additional conditions, comments, recommendations:

Contact Police Detail Sergeant in advance of event if detail is needed.

Contact Health Department in advance of event if needed.

Town Manager recommends application to proceed to Board of Selectmen for review and approval.

Julian M. Suso, Town Manager

Fees:

Fee Waiver Request: Yes/No N/A. Approved _____ Not Approved _____

If approved, terms:

Initial/Town Manager

Diane Davidson

From: Sean Doyle
Sent: Saturday, December 12, 2020 9:01 AM
To: Diane Davidson
Cc: Brian Reid; Melinda Rebelo
Subject: RE: Request for One-Way Traffic Parsons Lane - Waquoit Congregational Church

Good morning,

As long as the event planners discuss the issue with the FPD Detail Representative regarding proper safety measures than we have no issues with this request.

TY,

Sean Doyle

From: Diane Davidson
Sent: Friday, December 11, 2020 3:53 PM
To: Boyd Demello <boyd.demello@falmouthfirema.gov>; Brian Reid <brian.reid@falmouthpolicema.gov>; Bruce Mogardo <bruce.mogardo@falmouthma.gov>; Diane Davidson <diane.davidson@falmouthma.gov>; Jim Grady <jim.grady@falmouthma.gov>; Julian Suso <julian.suso@falmouthma.gov>; Peter Johnson-Staub <peter.johnson-staub@falmouthma.gov>; Peter McConarty <peter.mcconarty@falmouthma.gov>; Scott McGann <scott.mcgann@falmouthma.gov>; Sean Doyle <sean.doyle@falmouthpolicema.gov>; Timothy Smith <timothy.smith@falmouthfirema.gov>
Cc: Melinda Rebelo <melinda.rebelo@falmouthpolicema.gov>
Subject: Request for One-Way Traffic Parsons Lane - Waquoit Congregational Church

To all,

Attached please find a request from the Waquoit Congregational Church to temporarily make Parsons Lane one-way on Friday, December 25, 2020 from 10:00 am to 2:00 pm to accommodate the flow of traffic for the pick-up of free Christmas meals.

Please review and provide your recommendations for the Select Board by Thursday December 17. I have scheduled this request on the Monday, December 21, 2020 Select Board meeting.

Thank you,

Diane

*Diane S. Davidson
Office Manager/Licensing
Office of the Town Manager and Select Board
Town of Falmouth
59 Town Hall Square
Falmouth, MA 02540
diane.davidson@falmouthma.gov
(508) 495-7321*

Diane Davidson

From: Boyd Demello
Sent: Saturday, December 12, 2020 2:48 PM
To: Diane Davidson; Brian Reid; Bruce Mogardo; Jim Grady; Julian Suso; Peter Johnson-Staub; Peter McConarty; Scott McGann; Sean Doyle; Timothy Smith
Cc: Melinda Rebelo; Boyd Demello
Subject: RE: Request for One-Way Traffic Parsons Lane - Waquoit Congregational Church

Diane,
No issues with Fire Rescue

Boyd W. DeMello
Fire Prevention Inspector
Falmouth Fire Rescue Department
boyd.demello@falmouthfirema.gov
508-495-2534 - Office
774-836-2436 - Cell Phone

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From: Diane Davidson
Sent: Friday, December 11, 2020 3:53 PM
To: Boyd Demello <boyd.demello@falmouthfirema.gov>; Brian Reid <brian.reid@falmouthpolicema.gov>; Bruce Mogardo <bruce.mogardo@falmouthma.gov>; Diane Davidson <diane.davidson@falmouthma.gov>; Jim Grady <jim.grady@falmouthma.gov>; Julian Suso <julian.suso@falmouthma.gov>; Peter Johnson-Staub <peter.johnson-staub@falmouthma.gov>; Peter McConarty <peter.mcconarty@falmouthma.gov>; Scott McGann <scott.mcgann@falmouthma.gov>; Sean Doyle <sean.doyle@falmouthpolicema.gov>; Timothy Smith <timothy.smith@falmouthfirema.gov>
Cc: Melinda Rebelo <melinda.rebelo@falmouthpolicema.gov>
Subject: Request for One-Way Traffic Parsons Lane - Waquoit Congregational Church

To all,

Attached please find a request from the Waquoit Congregational Church to temporarily make Parsons Lane one-way on Friday, December 25, 2020 from 10:00 am to 2:00 pm to accommodate the flow of traffic for the pick-up of free Christmas meals.

Please review and provide your recommendations for the Select Board by Thursday December 17. I have scheduled this request on the Monday, December 21, 2020 Select Board meeting.

Thank you,

Diane

Diane S. Davidson

Diane Davidson

From: Jim Grady
Sent: Monday, December 14, 2020 6:24 AM
To: Diane Davidson
Subject: RE: Request for One-Way Traffic Parsons Lane - Waquoit Congregational Church

Good Morning Diane, DPW Highway has no issues with this request.
Thank you, Have a great day!!

James F Grady Jr
Superintendent of Highways
Town of Falmouth
416 Gifford St
Falmouth Ma 02540
508-457-2543 Ext 3005
508-548-1537 Fax
jim.grady@falmouthma.gov

From: Diane Davidson
Sent: Friday, December 11, 2020 3:53 PM
To: Boyd Demello <boyd.demello@falmouthfirema.gov>; Brian Reid <brian.reid@falmouthpolicema.gov>; Bruce Mogardo <bruce.mogardo@falmouthma.gov>; Diane Davidson <diane.davidson@falmouthma.gov>; Jim Grady <jim.grady@falmouthma.gov>; Julian Suso <julian.suso@falmouthma.gov>; Peter Johnson-Staub <peter.johnson-staub@falmouthma.gov>; Peter McConarty <peter.mcconarty@falmouthma.gov>; Scott McGann <scott.mcgann@falmouthma.gov>; Sean Doyle <sean.doyle@falmouthpolicema.gov>; Timothy Smith <timothy.smith@falmouthfirema.gov>
Cc: Melinda Rebelo <melinda.rebelo@falmouthpolicema.gov>
Subject: Request for One-Way Traffic Parsons Lane - Waquoit Congregational Church

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Please review and provide your recommendations for the Select Board by Thursday December 17. I have scheduled this request on the Monday, December 21, 2020 Select Board meeting.

Thank you,

Diane

*Diane S. Davidson
Office Manager/Licensing
Office of the Town Manager and Select Board
Town of Falmouth
59 Town Hall Square*

To Select Board:

The following public hearing notice ran in the Falmouth Enterprise on 12/11/20 in error.

All parties have been notified, but in case a member of the public inquires, this hearing is scheduled for Monday, January 11.

Thank you.

**NOTICE OF PUBLIC HEARING
TRANSFER OF WINES & MALT BEV-
ERAGES PACKAGE STORE LICENSE**

In accordance with the provisions of Massachusetts General Laws Ch. 85, s. 3 the Select Board of the Town of Falmouth will hold a public hearing on the petition of M. A. Friends, Inc. for a Transfer of License of a Wines & Malt Beverages Package Store located at 800 Gifford Street Extension, Falmouth. The hearing will be held on Monday December 21, 2020 at 7:30 PM, in the Selectmen's Meeting Room, Falmouth Town Hall.

In accordance with the Governor's Order Suspending Certain Provisions of the Open Meeting Law, G. L. c. 30A, § 20, relating to the 2020 novel Coronavirus outbreak emergency, the December 21, 2020 public meeting of the Falmouth Select Board shall be physically closed to the public to avoid group congregation. *See Select Board NOTICE of MEETING for December 21, 2020 to be posted on the Town of Falmouth website, www.falmouthmass.us, Agenda Center, on December 16, 2020 at 4:00 PM for detailed participation information.*

Per order of the Select Board

December 11, 2020

PUBLIC HEARINGS

1. Shade Tree Hearing – on application of Peter Killelea for the removal of four (4) Sycamore maple trees abutting 10 Bell Tower Lane, Woods Hole

**TOWN OF FALMOUTH
PUBLIC HEARING NOTICE
SHADE TREE REMOVAL**

Notice is hereby given of a Public Hearing to be held by the Falmouth Select Board on Monday, December 21, 2020 at 7:30 p.m. on the application of Peter Killelea of 10 Bell Tower Lane, Woods Hole, for the removal of four (4) sycamore maple trees located on a small strip of land abutting the Killelea property. Reason for request for removal is because of the poor condition of the trees, damaged by English ivy, and a possible safety hazard.

*In accordance with the Governor's Order Suspending Certain Provisions of the Open Meeting Law, G. L. c. 30A, § 20, relating to the 2020 novel Coronavirus outbreak emergency, the December 21, 2020 public meeting of the Falmouth Select Board shall be physically closed to the public to avoid group congregation. ***See Select Board NOTICE of MEETING for December 21, 2020 to be posted on the Town of Falmouth website, www.falmouthmass.us, Agenda Center, on December 17, 2020 at 4:00 PM for detailed participation information.****

Per order of the Select Board

Publication date: Friday, December 11, 2020; Falmouth Enterprise



Town of Falmouth

Department of Public Works

Parks & Forestry Division

416 Gifford Street
Falmouth, MA 02350

Telephone: (508) 457-2543
Fax: (508) 548-1537

Jeremiah Pearson
Parks Superintendent

Tree Warden's opinion for the removal of 4 sycamore maples located at 10 Bell Tower Lane

These sycamore maples have been requested for removal by the Killelea family located at 10 Bell Tower Lane. All 4 of these trees stand in a small strip of land abutting the Killelea property and the parking lot for Taft Park. This application was submitted because the homeowners feel that the trees pose a danger to their home that is currently being renovated. After assessing these 4 trees, I agree that a danger does exist. All 4 maples have a strong potential for storm damage due to English ivy that has grown into the canopy; this vine has and continuously poses future failure due to excessive loading (weight of vine + rain, snow, or wind). As the Tree Warden, it is my recommendation to remove all 4 trees, strip out the invasive vines, and replant native species that would appropriately return shade, wildlife and beautification to the area.



October 9, 2020

Jeremiah Pearson
Town of Falmouth Tree Warden
416 Gifford Street
Falmouth MA 02540

RE: 10 Bell Tower Lane, Woods Hole
Application for shade hearing

Hello Jeremiah,

Attached please find applications for shade hearings concerning four (4) trees at the northeast corner of the home we recently purchased at 10 Bell Tower Lane on Woods Hole. I have attached a sketch to help identify the trees. Please review this information at your convenience and let me know if you have any questions, concerns or require any additional information.

Thanks for your consideration in this matter.

Best,

A handwritten signature in black ink, appearing to read "Pete Killelea", with a long horizontal flourish extending to the right.

Pete Killelea
617 893 9018
petekillelea@gmail.com

Tree 1 (see plan)

Submit in Duplicate

Town of Falmouth

Application for Hearing & Removal of Town Shade Tree

To: Falmouth Board of Selectmen

(To be filled out by applicant)

Name of Applicant (Owner): Pete Killelea

Street Address: 10 BELL TOWER LANE

Section of Town: WOODS HOLE

Telephone Number:

Reason for Tree Removal Request: DAMAGED tree is Danger to house

Legal Advertising Fee to be paid by applicant: \$25.00

Signature of Applicant: [Signature]

(To be filled out by DPW Tree Warden)

Variety of Tree Condition of Tree

Approximate Height Diameter of Tree

Can Tree be Removed Estimated Cost/Moving

Estimated Cost/Removing

Recommendation of DPW Tree Warden

Action Taken by Board of Selectmen

[Empty boxes for Board of Selectmen]

Board of Selectmen

Date of Posting of Tree

Date of Legal Advertising in Newspaper

Date of Removal of Tree

PUBLIC HEARINGS

2. Wetland/Dock Hearing – Wild Harbor Yacht Club for permission to reconstruct the existing boat ramp in the same location as currently exists in and over the waters of Wild Harbor, located at 386 Wild Harbor Road, North Falmouth



TOWN OF FALMOUTH

Office of the Town Manager & Selectmen

59 Town Hall Square, Falmouth, Massachusetts 02540

Telephone (508) 495-7320

Fax (508) 457-2573

PUBLIC HEARING NOTICE

The Falmouth Board of Selectmen will hold a public hearing under Section 240-77 (Wetland Regulations) of the Zoning Bylaws of the Town of Falmouth on Monday, December 21, 2020 at 7:30 p.m. in the Selectmen's Meeting Room, Falmouth Town Hall, on the application of Wild Harbor Yacht Club for permission to reconstruct the existing boat ramp in the same location as currently, located at 386 Wild Harbor Road, North Falmouth, MA. Body of water affected is Wild Harbor. Interested parties may review the file on this hearing by contacting the Select Board Office.

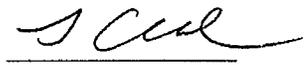
*In accordance with the Governor's Order Suspending Certain Provisions of the Open Meeting Law, G. L. c. 30A, § 20, relating to the 2020 novel Coronavirus outbreak emergency, the December 21, 2020 public meeting of the Falmouth Select Board shall be physically closed to the public to avoid group congregation. ***See Select Board NOTICE of MEETING for December 21, 2020 to be posted on the Town of Falmouth website, www.falmouthmass.us, Agenda Center, on December 17, 2020 at 4:00 PM for detailed participation information.****

Per order of the Select Board

Publication Dates: Friday, December 4 and Friday, December 11, 2020; Falmouth Enterprise

386 WILD HARBOR RD

CERTIFIED

A handwritten signature in black ink, appearing to read 'Bruce Cabral', is written over a horizontal line.

Bruce Cabral
Assistant Assessor
Town of Falmouth
NOVEMBER 25, 2020

67 GROVE ST 67 GROVE STREET LLC 11 SUMMIT AVE C/O ANNE MCRAE MELROSE, MA 02176	04A 01 000 001 LUC: 101	407 WILD HARBOR RD FALLON TRUSTEE KATHLEEN A KATHLEEN A FALLON REVOC TRUST 407 WILD HARBOR RD NORTH FALMOUTH, MA 02556-2208	04 00A 000 001 LUC: 101	4 OVERHILL RD MARSH TRUSTEE SANDRA M MARSH TRUSTEE WILLIAM H PO BOX 192 N FALMOUTH, MA 02556-0192	04 00A 000 210 LUC: 101
42 DOWNER RD BONN TRUSTEE JOHN R BONN TRUSTEE ANDREA Z 24 LINCOLN CIR SWAMPSCOTT, MA 01907	04 00A 000 249 LUC: 101	0 GROVE ST FALMOUTH TOWN OF 59 TOWN HALL SQ FALMOUTH, MA 02540-2761	04A 04 000 020A LUC: 930	0 WILD HARBOR RD MORAN TRUSTEE SUSAN M CHARLES E MORAN QUAL PERS TR 103 QUAYSIDE DR JUPITER, FL 33477	04 05 009 000 LUC: 132
55 GROVE ST BYRNE TRUSTEE STEPHEN J BYRNE TRUSTEE SUSAN E 55 GROVE ST NORTH FALMOUTH, MA 02558	04A 01 000 006 LUC: 101	25 COVE RD FOLEY TRUSTEE LORAIN S 25 COVE RD RLTY TRUST 2 HOMEWOOD RD W ROXBURY, MA 02132-3404	04 05 017A 017 LUC: 101	27 WEST AVE NOONAN JR TR J PETER KERRY REALTY TRUST 63 ELTON RD MILTON, MA 02186	04A 05 000 025 LUC: 101
31 DOWNER RD COEN JOHN J GOODE MELISSA 58 CHAPIN RD BARRINGTON, RI 02806	04 00A 000 203 LUC: 101	66 GROVE ST GOODMAN TRUSTEE TIMOTHY J M GOODMAN TRUSTEE MOIRA G 894 GREAT POND RD NORTH ANDOVER, MA 01845	04A 04 000 019 LUC: 101	16 DOWNER RD SCHROEDER ROBERT L SCHROEDER CAROL A 92 SHADOW OAK DR SUDBURY, MA 01776-3164	04 00A 000 245 LUC: 101
28 DOWNER RD COLOMBO TRUSTEE LOUIS R COLOMBO TRUSTEE MARGARET E PO BOX 1405 NORTH FALMOUTH, MA 02556-1405	04 00A 000 247 LUC: 101	19 COVE RD GROSS JOHN E TWITCHELL-GROSS PAMELA PO BOX 723 NORTH FALMOUTH, MA 02556	04 05 013A 013 LUC: 101	20 DOWNER RD STAVRIS ARTHUR W STAVRIS LINDA F 46 BRADLEY HILL RD HINGHAM, MA 02043-4628	04 00A 000 246 LUC: 101
374 WILD HARBOR RD DRISCOLL ROBERT DRISCOLL GERALDINE A 7 CONANT RD #50 WINCHESTER, MA 01890	04 05 021A 021 LUC: 101	65 GROVE ST KELLY TRUSTEE DANIEL E KELLY TRUSTEE EDWARD E 26 EAGLE DR WALPOLE, MA 02081	04A 01 000 002 LUC: 101	360 WILD HARBOR RD SUSI BARBARA 42 ROSEMARY ST NORWOOD, MA 02062	04 05 018A 018 LUC: 101
370 WILD HARBOR RD DUGGAN TRUSTEE JILL A GALE TRUSTEE SARAH E 1 LONGMEADOW DR CANTON, MA 02021-1813	04 05 020A 020 LUC: 101	59 GROVE ST LEVY TRUSTEE ELEANOR HALL NOMINEE TRUST 59 GROVE ST C/O JOHN V HALL NORTH FALMOUTH, MA 02556	04A 01 000 004 LUC: 101	33 COVE RD SUSI TRUSTEE JOSEPH R ANSELONE TRUSTEE PAULA 29 LANDAU RD PLAINVILLE, MA 02762	04 05 019A 019 LUC: 101
20 COVE RD FALCONE JR LOUIS T 52 GREEN ST CANTON, MA 02021	04 05 014A 014A LUC: 101	31 WEST AVE LUDDY MAUREEN F LUDDY MEREDITH 68 OLD BEDFORD RD EAST BRIDGEWATER, MA 02333	04A 05 000A 021 LUC: 101	57 GROVE ST TULEJA STEPHEN M TULEJA DONNA C 3 SOUTHPARK LN MANSFIELD, MA 02048	04A 01 000 005 LUC: 101
63 GROVE ST FALCONE JR TRUSTEE LOUIS T JIB REALTY TRUST 552 ADAMS ST MILTON, MA 02186-5629	04A 01 000 003A LUC: 101	36 DOWNER RD MAHONEY WILLIAM M MAHONEY MARJORIE C 36 DOWNER RD NORTH FALMOUTH, MA 02556-2230	04 00A 000 248 LUC: 101	29 WEST AVE WALKER TRUSTEE ELIZABETH WIGHT REALTY NOMINEE TRUST 5 WIGHT LN WESTWOOD, MA 02090-2233	04A 05 000B 024A LUC: 101
30 COVE RD FALCONE TRUSTEE JOSEPH V 552 ADAMS ST MILTON, MA 02186-5629	04 05 016A 016 LUC: 101	5 OVERHILL RD MAHTESIAN KENNETH MAHTESIAN AMY 11 DAVID BROOK DR NATICK, MA 01760	04 00A 000 204 LUC: 101	25 WEST AVE WALSH CAROL A WALSH FRANCIS J 1012 PLEASANT ST UNIT 33 WEYMOUTH, MA 02189	04A 05 000 026 LUC: 101

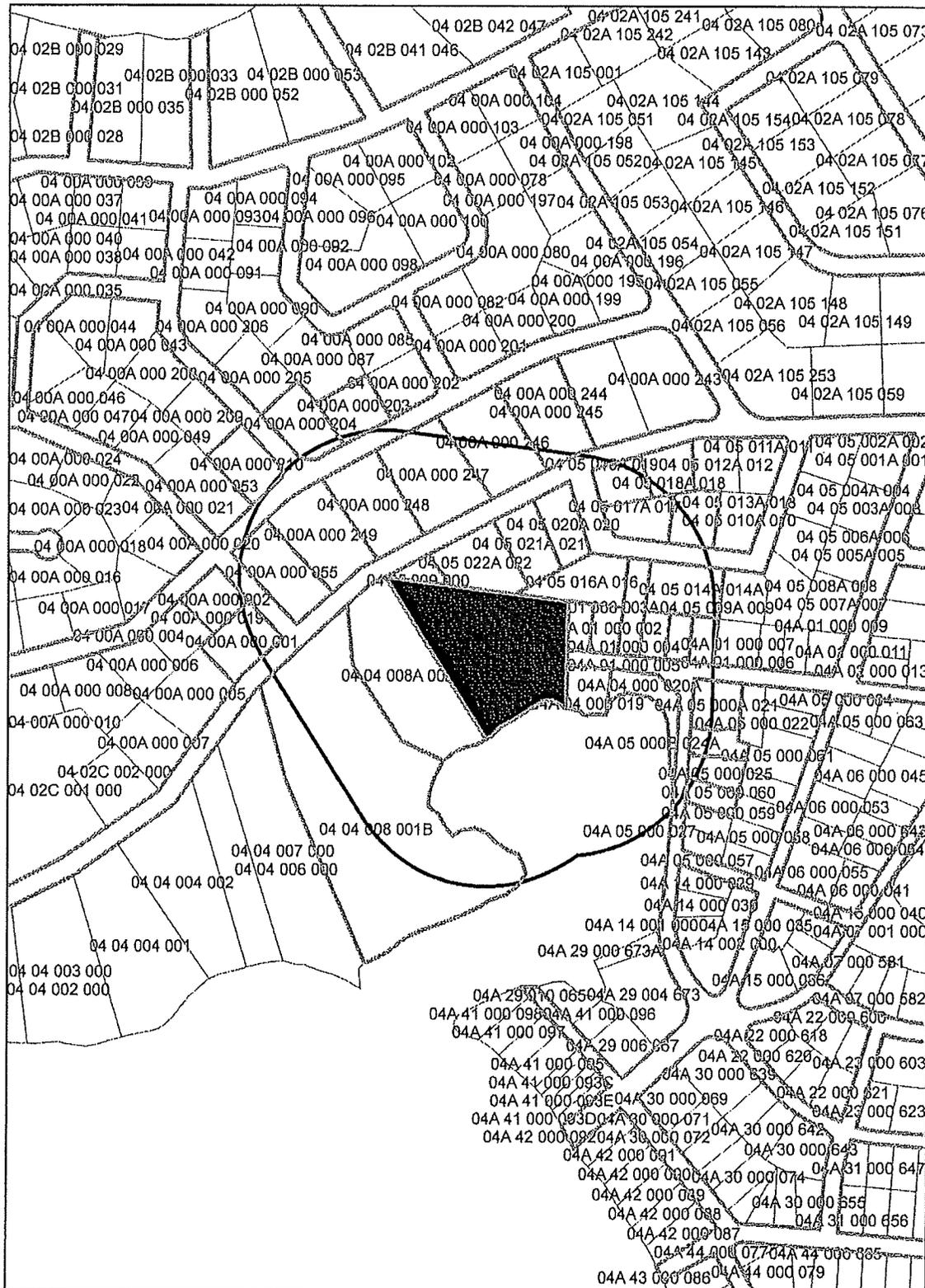
12 LOREN RD 04 00A 000 002
WATSON JR TRUSTEE RICHARD K LUC: 101
WATSON TRUSTEE LINDSAY B
10 SEAL COVE RD
HINGHAM, MA 02043

0 LOREN RD 04 00A 000 055
WATSON JR TRUSTEE RICHARD K LUC: 130
WATSON TRUSTEE LINDSAY B
10 SEAL COVE RD
HINGHAM, MA 02043

380 WILD HARBOR RD 04 05 022A 022
WEST II ROBERT FRANKLIN LUC: 101
WEST JILL LINK
145 BRIGANTINE CIR
NORWELL, MA 02061

388 WILD HARBOR RD 04 04 010 000
WILD HARBOR YACHT CLUB INC LUC: 388
PO BOX 1078
C/O LINDSAY WATSON TREASURER
N FALMOUTH, MA 02556-1078

386 WILD HARBOR RD



TOWN OF FALMOUTH
BOARD OF SELECTMEN

RECEIVED

NOV 16 2020

APPLICATION FOR PERMIT TO DREDGE, FILL OR OTHER ALTER WETLANDS
(As required under Section 240-77 (Wetland Regulations) of the Zoning Bylaw)



PAID
\$75.00
CK# 18654

To the Board of Selectmen
Falmouth, MA

Date: November 13, 2020

The undersigned hereby applies to the Board of Selectmen as required by Section 240-77 of the Zoning Bylaws, for a permit to alter, as indicated below, the following described premises:

OWNER: Wild Harbor Yacht Club PO Box 1078 N. Falmouth, MA 02556
(full name) (address)

AGENT: Falmouth Engineering, Inc. 17 Academy Ln. Ste. 200 Falmouth, MA 02540
(full name) (address)

APPLICANT: Wild Harbor Yacht Club PO Box 1078 N. Falmouth, MA 02556
(full name) (address)

1. Location of Property: Map 04 Section 04 Parcel 010 Lot 000

Street Name and House Number 386 Wild Harbor Rd. N. Falmouth

2. Body of water, marsh or stream affected: Wild Harbor

3. Description of property and project site: Developed lot of land containing an existing building, parking, and space for boat storage, and a crushed stone and paved ramp.

a. Dimensions, Acreage of total parcel: 1.7 acres

b. Length of water marsh frontage: 180' ±

c. Dimensions of area to be dredged: N/A Depth N/A

d. Dimensions of area to be filled: N/A

e. Volume of dredging spoil to be moved: N/A

APPLICATION FOR PERMIT TO DREDGE, FILL OR OTHERWISE ALTER WETLANDS
(As required under Section 240-77 (Wetland Regulations) of the Zoning Bylaw)

Disposition of Spoil: N/A

f. Describe proposed riprap or bulkheading, if any: N/A

g. Other (docks, piers and etc.) N/A

h. Method (equipment to be used) for proposed work: _____

4. Purpose of proposed work: Re-construction of existing boat ramp in same location.

5. Zoning which governs area: RA

6. Date of application for permit to dredge or fill from the Commonwealth of
Mass. N/A Army Engineers N/A

7. Has a permit ever been approved or refused for this location by State,
Federal or Local Authority? Order of Conditions DEP File No. 25-4566 (attached)

8. Remarks _____

9. Project Summary for legal notice: Applicant proposes to re-construct the
existing boat ramp in the same location as currently exists.

Owner: Wild Harbor Yacht Club

PO Box 1078

N. Falmouth, MA 02556

(Name & Address)

TEL #:

Agent: Falmouth Engineering, Inc.

17 Academy lane, Ste. 200 Falmouth, MA 02540

(Name & Address)

TEL #:508.495.1225

Applicant: Same as owner

(Name & Address)

TEL #:

DO NOT WRITE BELOW THIS SPACE, FOR SELECMEN'S OFFICE USE ONLY

*APPLICATION FOR PERMIT TO FILL, DREDGE OR
OTHERWISE ALTER WETLANDS*



Filing Under Section 240-77 (Wetland Regulations) of the Falmouth Zoning By Law

BOAT RAMP RECONSTRUCTION

386 WILD HARBOR ROAD

NORTH FALMOUTH, MASSACHUSETTS

RECEIVED

NOV 16 2020

FALMOUTH TOWN CLERK

Prepared for:

Wild Harbor Yacht Club

Prepared by:



Falmouth Engineering, Inc.

17 Academy Lane, Suite 200

Falmouth, MA

02540

TABLE OF CONTENTS

ATTACHMENT A - PROJECT NARRATIVE

ATTACHMENT B – ORDER OF CONDITIONS 25-4566

ATTACHMENT C – DRIVING DIRECTIONS TO SITE

ATTACHMENT D - PLAN OF PROPOSED BOAT RAMP REPAIR

ATTACHMENT A

PROJECT NARRATIVE

ATTACHMENT A - PROJECT NARRATIVE

Introduction and Project Overview

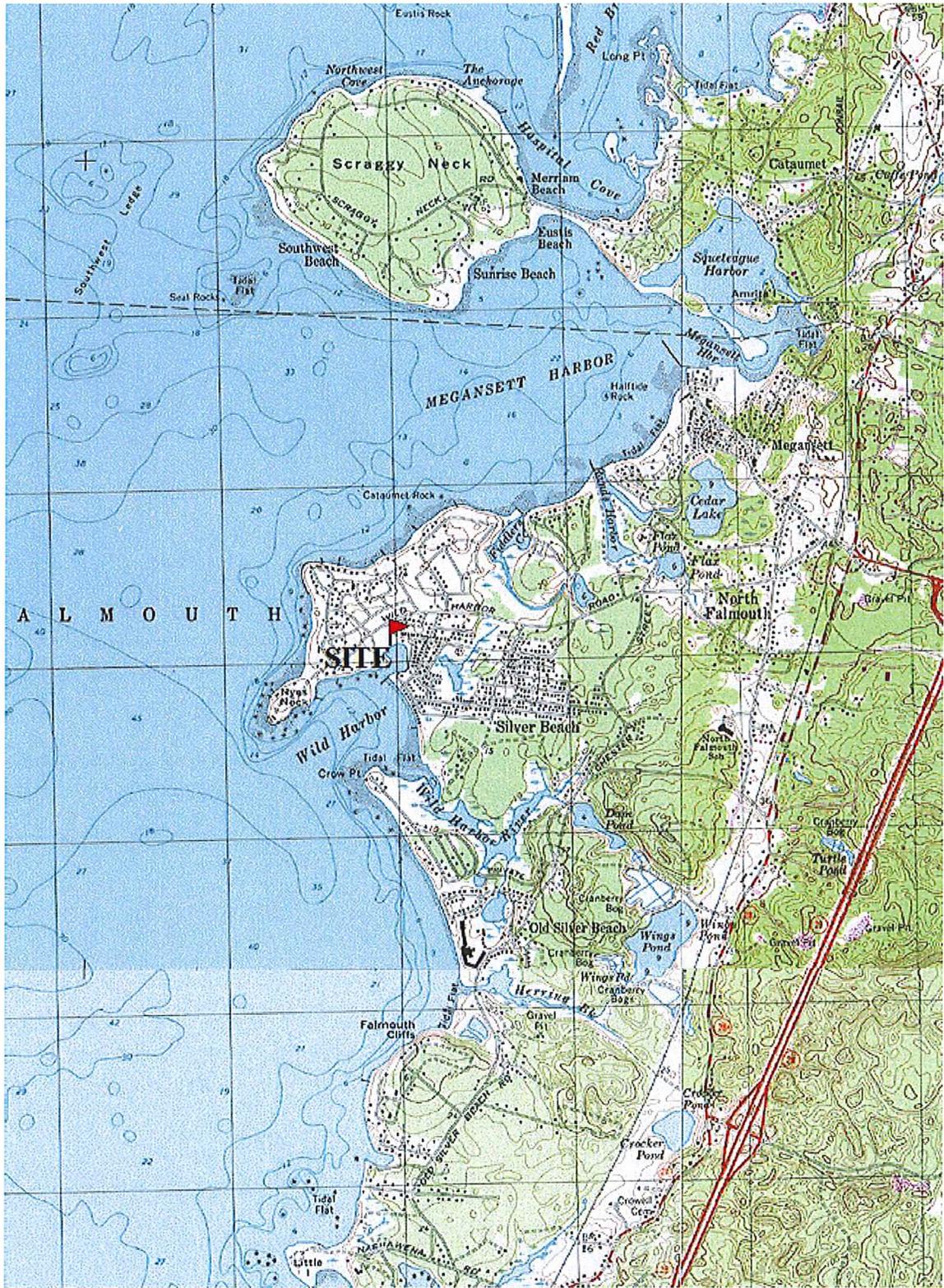
Falmouth Engineering Inc. has filed this Notice of Intent (NOI) application on behalf of Wild Harbor Yacht Club, who is the owner of the property at 386 Wild Harbor Road in North Falmouth. Wild Harbor Yacht Club proposes to reconstruct the existing boat ramp at the above referenced property.

The application is being jointly filed pursuant to the Massachusetts Wetlands Protection Act (MWPA, M.G.L. Chapter 131, Section 40) and its implementing regulations (310 CMR 10.00) and the Falmouth Wetlands Protection Bylaw (Chapter 235 of the Code of Falmouth) and the Falmouth Wetland Regulations (FWR 10.00).

Existing Conditions

The lot consists of approximately 1.7 acres of land in a developed residential area of North Falmouth (refer to Figure 1-Site Location Map). An existing building occupies the site. Other areas have been cleared and altered to allow for parking and for storage of boats used by the yacht club. In addition, there is an existing paved and crushed stone boat ramp that leads to the waters of Wild Harbor.

Wild Harbor lies directly to the south of the site. Regulated wetland resource areas include a coastal bank, salt marsh, land subject to coastal storm flowage, land under the ocean, and land containing shellfish.



Printed from TOPO! ©1998 Wildflower Productions (www.topo.com)

FIGURE 1 – SITE LOCATION MAP
386 Wild Harbor Road

Regulated Wetland Resource Areas

All coastal resource areas within 100 feet of the proposed project facilities have been identified and appropriately located in the field. Adjacent resource areas include land under the ocean, salt marsh, coastal bank, and land subject to coastal storm flowage, and land containing shellfish. The attached plan shows each of the resource areas that have been identified in the project area.

Estimated Habitat and Protected Species

Information published by the Massachusetts Division of Fisheries and Wildlife, Natural Heritage and Endangered Species Program (Natural Heritage Atlas, 2008) indicates that the proposed dock construction is not located within Estimated Habitat of Rare Wetlands Habitat and Priority Habitat.

Proposed Project

The project involves the reconstruction of the existing boat ramp in the same location as the existing boat ramp.

The boat ramp is primarily used by the students attending sailing school in the summer. The small sail boats are launched by hand and retrieved by the students and facility. No power boats or other larger boats typically used the boat ramp. On rare occasions, the ramp may be used by a larger vessel associated with the sailing school. This boat ramp is not available for general launching of boats by the public. The flat slope of the ramp make it difficult to launch boats from trailers.

The construction methodology will be as follows:

1. Install the limit of work as shown on the plans.
 2. Install temporary sheet piling to enclose the proposed work area around the perimeter of the boat ramp.
 3. De-water as necessary.
 4. Demolish the existing boat ramp and remove all debris from site.
 5. Form and install the new boat ramp in accordance with the plans and details.
 6. Install the new concrete.
-

7. A floating boom shall be utilized as necessary to provide additional protection to the surrounding area.
8. Remove the temporary sheet piling upon completion of the ramp installation.

In addition to the boat ramp reconstruction, the applicant seeks permission to repair an existing drain pipe as shown on the plans. The existing pipe is jagged and dangerous. A new 8' section of plastic pipe is proposed to replace the damaged section.

Anticipated Impacts to Resource Areas

Anticipated Impacts

No impacts are expected from the proposed construction activities. All proposed activities will be isolated to the area of the temporary sheet piling.

Proposed Mitigation

Mitigation measures include the installation of a limit of work to designate a small area of the site to the proposed construction activity. In addition, the temporary sheet piling and floating boom provide added protection to the surrounding wetland resources.

Summary

The existing wetland resources, potential project impacts, and proposed mitigation measures associated with proposed project have been fully documented in this submission. The project meets or exceeds most applicable performance standards. The proposed activities are limited to the area of the existing boat ramp and the damaged drain pipe.

Repair of the boat ramp will allow the sailing school staff and students to utilize this recreational area in a safe manner.

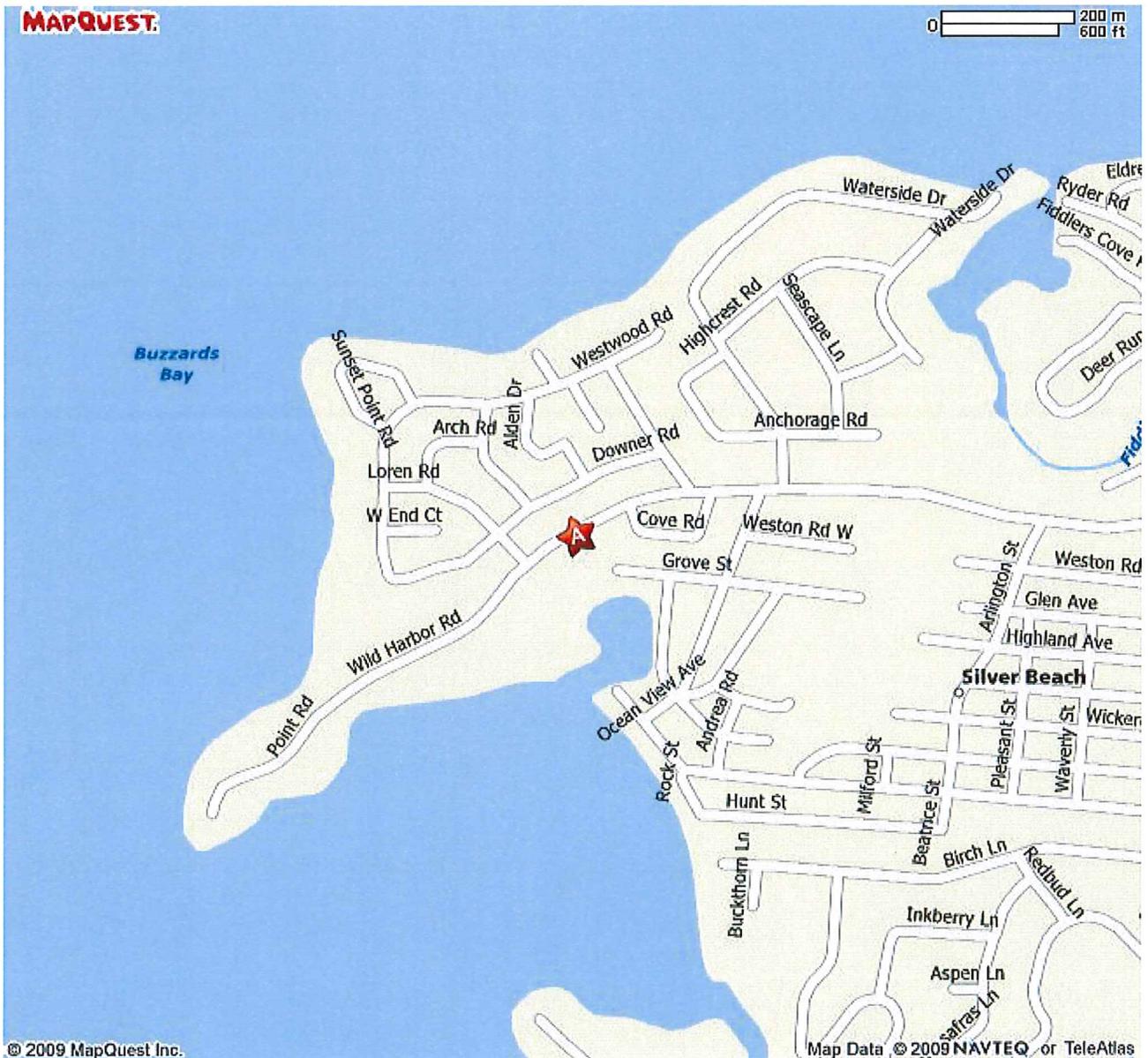
We look forward to issuance of a favorable decision by the Select Board to allow the project to proceed.

ATTACHMENT C

DRIVING DIRECTIONS TO SITE

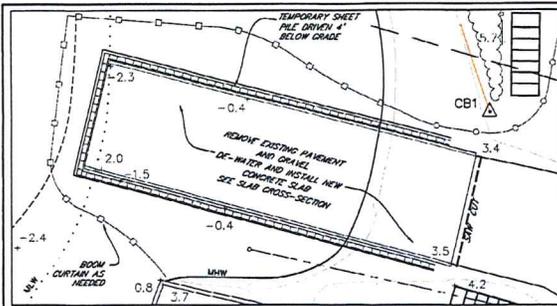
Driving Directions to Site

From Town Hall, turn left onto Main Street. Continue to follow to the end and turn right onto Palmer Avenue. Continue for 6.6 miles and take the Route 151 exit toward North Falmouth. Keep right at the bottom of the ramp and continue onto Route 151. At the light, keep straight. The road becomes County Road. Take the first left onto Pine Street. At the end of the road, take a left Old Main Road and then an immediate right onto Wild Harbor Road. Continue for 1 mile and turn left onto Ocean View Avenue. Take first right onto Grove Street. The club is at the end of the road.

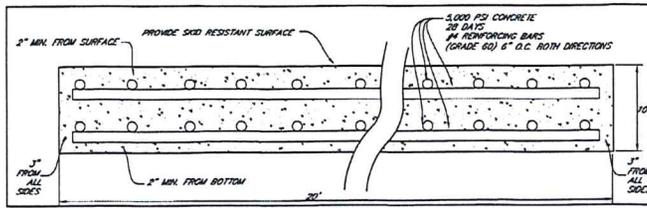


ATTACHMENT D

PLAN OF PROPOSED BOAT RAMP REPAIR

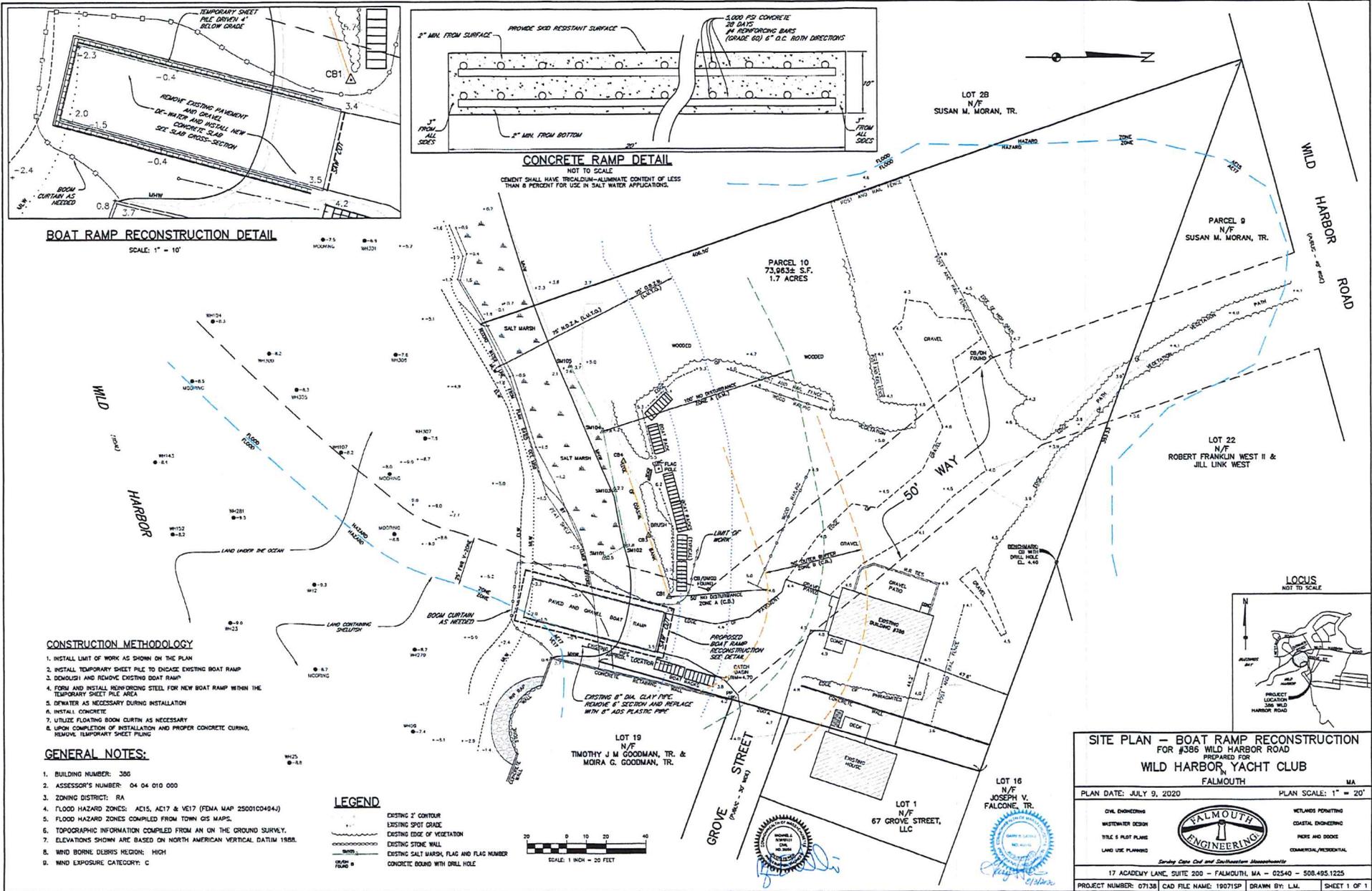


BOAT RAMP RECONSTRUCTION DETAIL
SCALE: 1" = 10'



CONCRETE RAMP DETAIL

NOT TO SCALE
CEMENT SHALL HAVE TRICALCIUM-ALUMINATE CONTENT OF LESS THAN 8 PERCENT FOR USE IN SALT WATER APPLICATIONS.



CONSTRUCTION METHODOLOGY

1. INSTALL LIMIT OF WORK AS SHOWN ON THE PLAN
2. INSTALL TEMPORARY SHEET PILE TO ENCASE EXISTING BOAT RAMP
3. DEMOLISH AND REMOVE EXISTING BOAT RAMP
4. FORM AND INSTALL REINFORCING STEEL FOR NEW BOAT RAMP WITHIN THE TEMPORARY SHEET PILE AREA
5. DEWATER AS NECESSARY DURING INSTALLATION
6. INSTALL CONCRETE
7. UTILIZE FLOATING BOOM CURTAIN AS NECESSARY
8. UPON COMPLETION OF INSTALLATION AND PROPER CONCRETE CURING, REMOVE TEMPORARY SHEET PILING

GENERAL NOTES:

1. BUILDING NUMBER: 306
2. ASSESSOR'S NUMBER: 04 04 010 000
3. ZONING DISTRICT: RA
4. FLOOD HAZARD ZONES: AC15, AC17 & VE17 (FEMA MAP 25001C04244)
5. FLOOD HAZARD ZONES COMPILED FROM TOWN GIS MAPS.
6. TOPOGRAPHIC INFORMATION COMPILED FROM AN ON THE GROUND SURVEY.
7. ELEVATIONS SHOWN ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988.
8. WIND BORNE DEBRIS HEDRON: HIGH
9. WIND EXPOSURE CATEGORY: C

LEGEND

- EXISTING 2' CONTOUR
- EXISTING SPOT GRADE
- EXISTING EDGE OF VEGETATION
- EXISTING STONE WALL
- EXISTING SALT MARSH, FLAG AND FLAG NUMBER
- CONCRETE BOUND WITH DRILL HOLE



SITE PLAN - BOAT RAMP RECONSTRUCTION
FOR #386 WILD HARBOR ROAD
WILD HARBOR YACHT CLUB
FALMOUTH, MA

PLAN DATE: JULY 9, 2020 PLAN SCALE: 1" = 20'

CIVIL ENGINEERING	NETLANDS PERMITTING
WASTEWATER DESIGN	COASTAL ENGINEERING
TITLE & PLAN PLUMB	PIERS AND DOCK
LAND USE PLANNING	COMMERCIAL/RESIDENTIAL

17 ACADAMY LANE, SUITE 208 - FALMOUTH, MA - 02540 - 508.485.1225
PROJECT NUMBER: 07138 CAD FILE NAME: 10071SP DRAWN BY: L.M. SHEET 1 OF 1



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
25-4566

MassDEP File #

eDEP Transaction #

Falmouth

City/Town

A. General Information

Please note:
this form has
been modified
with added
space to
accommodate
the Registry
of Deeds
Requirements

Important:
When filling
out forms on
the
computer,
use only the
tab key to
move your
cursor - do
not use the
return key.



1. From: Falmouth
Conservation Commission

2. This issuance is for
(check one): a. Order of Conditions b. Amended Order of Conditions

3. To: Applicant:

Dan O'Connor

a. First Name b. Last Name

Wild Harbor Yacht Club

c. Organization

PO Box 1078

d. Mailing Address

N. Falmouth MA 02556

e. City/Town f. State g. Zip Code

4. Property Owner (if different from applicant):

a. First Name

b. Last Name

c. Organization

d. Mailing Address

e. City/Town

f. State

g. Zip Code

5. Project Location:

386 Wild Harbor Rd Falmouth

a. Street Address b. City/Town

04 04 010 000

c. Assessors Map/Plat Number d. Parcel/Lot Number

Latitude and Longitude, if known: d m s d m s
d. Latitude e. Longitude



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
25-4566
MassDEP File #

eDEP Transaction #
Falmouth
City/Town

A. General Information (cont.)

6. Property recorded at the Registry of Deeds for (attach additional information if more than one parcel):
Barnstable
- | | |
|-----------|--|
| a. County | b. Certificate Number (if registered land) |
| 01376 | 0953 |
| c. Book | d. Page |
7. Dates: 08/05/2020 08/05/2020 11/16/2020
a. Date Notice of Intent Filed b. Date Public Hearing Closed c. Date of Issuance
8. Final Approved Plans and Other Documents (attach additional plan or document references as needed):
Site Plan- Boat Ramp Restoration
- | | | |
|----------------------------|--|----------|
| a. Plan Title | b. Prepared By | c. Scale |
| Falmouth Engineering, Inc. | Michael J. Borselli, P.E., Gary S. Labrie,
R.L.S. | 1"=20' |
| d. Final Revision Date | e. Scale | |
| 7/9/2020 | | |
- | | |
|--------------------------------------|---------|
| f. Additional Plan or Document Title | g. Date |
| | |

B. Findings

1. Findings pursuant to the Massachusetts Wetlands Protection Act:

Following the review of the above-referenced Notice of Intent and based on the information provided in this application and presented at the public hearing, this Commission finds that the areas in which work is proposed is significant to the following interests of the Wetlands Protection Act (the Act). Check all that apply:

- | | | |
|--|--|---|
| a. <input type="checkbox"/> Public Water Supply | b. <input checked="" type="checkbox"/> Land Containing Shellfish | c. <input checked="" type="checkbox"/> Prevention of Pollution |
| d. <input type="checkbox"/> Private Water Supply | e. <input checked="" type="checkbox"/> Fisheries | f. <input checked="" type="checkbox"/> Protection of Wildlife Habitat |
| g. <input type="checkbox"/> Groundwater Supply | h. <input checked="" type="checkbox"/> Storm Damage Prevention | i. <input checked="" type="checkbox"/> Flood Control |

2. This Commission hereby finds the project, as proposed, is: (check one of the following boxes)

Approved subject to:

- a. the following conditions which are necessary in accordance with the performance standards set forth in the wetlands regulations. This Commission orders that all work shall be performed in accordance with the Notice of Intent referenced above, the following General Conditions, and any other special conditions attached to this Order. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, these conditions shall control.



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Bureau of Resource Protection - Wetlands

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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
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B. Findings (cont.)

Denied because:

- b. the proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect the interests of the Act, and a final Order of Conditions is issued. **A description of the performance standards which the proposed work cannot meet is attached to this Order.**
- c. the information submitted by the applicant is not sufficient to describe the site, the work, or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides sufficient information and includes measures which are adequate to protect the Act's interests, and a final Order of Conditions is issued. **A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).**
- 3. Buffer Zone Impacts: Shortest distance between limit of project disturbance and the wetland resource area specified in 310 CMR 10.02(1)(a) _____ a. linear feet

Inland Resource Area Impacts: Check all that apply below. (For Approvals Only)

Resource Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4. <input type="checkbox"/> Bank	_____ a. linear feet	_____ b. linear feet	_____ c. linear feet	_____ d. linear feet
5. <input type="checkbox"/> Bordering Vegetated Wetland	_____ a. square feet	_____ b. square feet	_____ c. square feet	_____ d. square feet
6. <input type="checkbox"/> Land Under Waterbodies and Waterways	_____ a. square feet _____ e. c/y dredged	_____ b. square feet _____ f. c/y dredged	_____ c. square feet	_____ d. square feet
7. <input type="checkbox"/> Bordering Land Subject to Flooding	_____ a. square feet	_____ b. square feet	_____ c. square feet	_____ d. square feet
Cubic Feet Flood Storage	_____ e. cubic feet	_____ f. cubic feet	_____ g. cubic feet	_____ h. cubic feet
8. <input type="checkbox"/> Isolated Land Subject to Flooding	_____ a. square feet	_____ b. square feet		
Cubic Feet Flood Storage	_____ c. cubic feet	_____ d. cubic feet	_____ e. cubic feet	_____ f. cubic feet
9. <input type="checkbox"/> Riverfront Area	_____ a. total sq. feet	_____ b. total sq. feet		
Sq ft within 100 ft	_____ c. square feet	_____ d. square feet	_____ e. square feet	_____ f. square feet
Sq ft between 100-200 ft	_____ g. square feet	_____ h. square feet	_____ i. square feet	_____ j. square feet



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B. Findings (cont.)

Coastal Resource Area Impacts: Check all that apply below. (For Approvals Only)

	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
10. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below			
11. <input checked="" type="checkbox"/> Land Under the Ocean	<u>200+/-</u> a. square feet	<u> </u> b. square feet		
	<u> </u> c. c/y dredged	<u> </u> d. c/y dredged		
12. <input type="checkbox"/> Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes below			
13. <input type="checkbox"/> Coastal Beaches	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. nourishment	<u> </u> d. nourishment
14. <input checked="" type="checkbox"/> Coastal Dunes	<u>1300+/-</u> a. square feet	<u> </u> b. square feet	<u> </u> c. nourishment	<u> </u> d. nourishment
15. <input type="checkbox"/> Coastal Banks	<u> </u> a. linear feet	<u> </u> b. linear feet		
16. <input type="checkbox"/> Rocky Intertidal Shores	<u> </u> a. square feet	<u> </u> b. square feet		
17. <input type="checkbox"/> Salt Marshes	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. square feet	<u> </u> d. square feet
18. <input type="checkbox"/> Land Under Salt Ponds	<u> </u> a. square feet	<u> </u> b. square feet		
	<u> </u> c. c/y dredged	<u> </u> d. c/y dredged		
19. <input type="checkbox"/> Land Containing Shellfish	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. square feet	<u> </u> d. square feet
20. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above			
	<u> </u> a. c/y dredged	<u> </u> b. c/y dredged		
21. <input checked="" type="checkbox"/> Land Subject to Coastal Storm Flowage	<u>1300+/-</u> a. square feet	<u> </u> b. square feet		
22. <input type="checkbox"/> Riverfront Area	<u> </u> a. total sq. feet	<u> </u> b. total sq. feet		
Sq ft within 100 ft	<u> </u> c. square feet	<u> </u> d. square feet	<u> </u> e. square feet	<u> </u> f. square feet
Sq ft between 100-200 ft	<u> </u> g. square feet	<u> </u> h. square feet	<u> </u> i. square feet	<u> </u> j. square feet



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B. Findings (cont.)

* #23. If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.5.c (BVW) or B.17.c (Salt Marsh) above, please enter the additional amount here.

23. Restoration/Enhancement *:

a. square feet of BVW

b. square feet of salt marsh

24. Stream Crossing(s):

a. number of new stream crossings

b. number of replacement stream crossings

C. General Conditions Under Massachusetts Wetlands Protection Act

The following conditions are only applicable to Approved projects.

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
 - a. The work is a maintenance dredging project as provided for in the Act; or
 - b. The time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.
 - c. If the work is for a Test Project, this Order of Conditions shall be valid for no more than one year.
5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order. An Order of Conditions for a Test Project may be extended for one additional year only upon written application by the applicant, subject to the provisions of 310 CMR 10.05(11)(f).
6. If this Order constitutes an Amended Order of Conditions, this Amended Order of Conditions does not extend the issuance date of the original Final Order of Conditions and the Order will expire on _____ unless extended in writing by the Department.
7. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.



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C. General Conditions Under Massachusetts Wetlands Protection Act

8. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.
9. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to the Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work.
10. A sign shall be displayed at the site not less than two square feet or more than three square feet in size bearing the words,

"Massachusetts Department of Environmental Protection" [or, "MassDEP"]
"File Number 25-4566 "
11. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before MassDEP.
12. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.
13. The work shall conform to the plans and special conditions referenced in this order.
14. Any change to the plans identified in Condition #13 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.
15. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.
16. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.



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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

17. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.
18. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.
19. The work associated with this Order (the "Project")
- (1) is subject to the Massachusetts Stormwater Standards
- (2) is NOT subject to the Massachusetts Stormwater Standards

If the work is subject to the Stormwater Standards, then the project is subject to the following conditions:

- a) All work, including site preparation, land disturbance, construction and redevelopment, shall be implemented in accordance with the construction period pollution prevention and erosion and sedimentation control plan and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Construction General Permit as required by Stormwater Condition 8. Construction period erosion, sedimentation and pollution control measures and best management practices (BMPs) shall remain in place until the site is fully stabilized.
- b) No stormwater runoff may be discharged to the post-construction stormwater BMPs unless and until a Registered Professional Engineer provides a Certification that:
- i.* all construction period BMPs have been removed or will be removed by a date certain specified in the Certification. For any construction period BMPs intended to be converted to post construction operation for stormwater attenuation, recharge, and/or treatment, the conversion is allowed by the MassDEP Stormwater Handbook BMP specifications and that the BMP has been properly cleaned or prepared for post construction operation, including removal of all construction period sediment trapped in inlet and outlet control structures;
 - ii.* as-built final construction BMP plans are included, signed and stamped by a Registered Professional Engineer, certifying the site is fully stabilized;
 - iii.* any illicit discharges to the stormwater management system have been removed, as per the requirements of Stormwater Standard 10;



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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

iv. all post-construction stormwater BMPs are installed in accordance with the plans (including all planting plans) approved by the issuing authority, and have been inspected to ensure that they are not damaged and that they are in proper working condition;

v. any vegetation associated with post-construction BMPs is suitably established to withstand erosion.

c) The landowner is responsible for BMP maintenance until the issuing authority is notified that another party has legally assumed responsibility for BMP maintenance. Prior to requesting a Certificate of Compliance, or Partial Certificate of Compliance, the responsible party (defined in General Condition 18(e)) shall execute and submit to the issuing authority an Operation and Maintenance Compliance Statement ("O&M Statement") for the Stormwater BMPs identifying the party responsible for implementing the stormwater BMP Operation and Maintenance Plan ("O&M Plan") and certifying the following:

i.) the O&M Plan is complete and will be implemented upon receipt of the Certificate of Compliance, and

ii.) the future responsible parties shall be notified in writing of their ongoing legal responsibility to operate and maintain the stormwater management BMPs and implement the Stormwater Pollution Prevention Plan.

d) Post-construction pollution prevention and source control shall be implemented in accordance with the long-term pollution prevention plan section of the approved Stormwater Report and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Multi-Sector General Permit.

e) Unless and until another party accepts responsibility, the landowner, or owner of any drainage easement, assumes responsibility for maintaining each BMP. To overcome this presumption, the landowner of the property must submit to the issuing authority a legally binding agreement of record, acceptable to the issuing authority, evidencing that another entity has accepted responsibility for maintaining the BMP, and that the proposed responsible party shall be treated as a permittee for purposes of implementing the requirements of Conditions 18(f) through 18(k) with respect to that BMP. Any failure of the proposed responsible party to implement the requirements of Conditions 18(f) through 18(k) with respect to that BMP shall be a violation of the Order of Conditions or Certificate of Compliance. In the case of stormwater BMPs that are serving more than one lot, the legally binding agreement shall also identify the lots that will be serviced by the stormwater BMPs. A plan and easement deed that grants the responsible party access to perform the required operation and maintenance must be submitted along with the legally binding agreement.

f) The responsible party shall operate and maintain all stormwater BMPs in accordance with the design plans, the O&M Plan, and the requirements of the Massachusetts Stormwater Handbook.



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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

- g) The responsible party shall:
 1. Maintain an operation and maintenance log for the last three (3) consecutive calendar years of inspections, repairs, maintenance and/or replacement of the stormwater management system or any part thereof, and disposal (for disposal the log shall indicate the type of material and the disposal location);
 2. Make the maintenance log available to MassDEP and the Conservation Commission ("Commission") upon request; and
 3. Allow members and agents of the MassDEP and the Commission to enter and inspect the site to evaluate and ensure that the responsible party is in compliance with the requirements for each BMP established in the O&M Plan approved by the issuing authority.

- h) All sediment or other contaminants removed from stormwater BMPs shall be disposed of in accordance with all applicable federal, state, and local laws and regulations.
- i) Illicit discharges to the stormwater management system as defined in 310 CMR 10.04 are prohibited.
- j) The stormwater management system approved in the Order of Conditions shall not be changed without the prior written approval of the issuing authority.
- k) Areas designated as qualifying pervious areas for the purpose of the Low Impact Site Design Credit (as defined in the MassDEP Stormwater Handbook, Volume 3, Chapter 1, Low Impact Development Site Design Credits) shall not be altered without the prior written approval of the issuing authority.
- l) Access for maintenance, repair, and/or replacement of BMPs shall not be withheld. Any fencing constructed around stormwater BMPs shall include access gates and shall be at least six inches above grade to allow for wildlife passage.

Special Conditions (if you need more space for additional conditions, please attach a text document):

- 20. For Test Projects subject to 310 CMR 10.05(11), the applicant shall also implement the monitoring plan and the restoration plan submitted with the Notice of Intent. If the conservation commission or Department determines that the Test Project threatens the public health, safety or the environment, the applicant shall implement the removal plan submitted with the Notice of Intent or modify the project as directed by the conservation commission or the Department.



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D. Findings Under Municipal Wetlands Bylaw or Ordinance

1. Is a municipal wetlands bylaw or ordinance applicable? Yes No
2. The Falmouth Conservation Commission hereby finds (check one that applies):
 - a. that the proposed work cannot be conditioned to meet the standards set forth in a municipal ordinance or bylaw, specifically:

1. Municipal Ordinance or Bylaw	2. Citation
---------------------------------	-------------

Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides measures which are adequate to meet these standards, and a final Order of Conditions is issued.

- b. that the following additional conditions are necessary to comply with a municipal ordinance or bylaw:

<u>Falmouth Wetlands Bylaw</u>	<u>10.00</u>
1. Municipal Ordinance or Bylaw	2. Citation

3. The Commission orders that all work shall be performed in accordance with the following conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, the conditions shall control.

The special conditions relating to municipal ordinance or bylaw are as follows (if you need more space for additional conditions, attach a text document):
see attached



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E. Signatures

This Order is valid for three years, unless otherwise specified as a special condition pursuant to General Conditions #4, from the date of issuance.

Please indicate the number of members who will sign this form.

This Order must be signed by a majority of the Conservation Commission.

The Order must be mailed by certified mail (return receipt requested) or hand delivered to the applicant. A copy also must be mailed or hand delivered at the same time to the appropriate Department of Environmental Protection Regional Office, if not filing electronically, and the property owner, if different from applicant.

11/6/2020
1. Date of Issuance
4
2. Number of Signers

Signatures:

Jamie Mathews, Chair by Jennifer L. Hanco
Courtney Bird by Jennifer L. Hanco
Elizabeth Glad Fetter by Jennifer L. Hanco
Kevin O'Brien by Jennifer L. Hanco

by hand delivery on

11-10-20 Erica Buzellie
Date FALMOUTH ENGLAND

by certified mail, return receipt requested, on

#19092040000130121016
Date

F. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate MassDEP Regional Office to issue a Superseding Order of Conditions. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Request for Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appelliant.

Any appellants seeking to appeal the Department's Superseding Order associated with this appeal will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order, or providing written information to the Department prior to issuance of a Superseding Order.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40), and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal ordinance or bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.



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G. Recording Information

Prior to commencement of work, this Order of Conditions must be recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land subject to the Order. In the case of registered land, this Order shall also be noted on the Land Court Certificate of Title of the owner of the land subject to the Order of Conditions. The recording information on this page shall be submitted to the Conservation Commission listed below.

Conservation Commission

Detach on dotted line, have stamped by the Registry of Deeds and submit to the Conservation Commission.

To:

Conservation Commission

Please be advised that the Order of Conditions for the Project at:

Project Location

MassDEP File Number

Has been recorded at the Registry of Deeds of:

County

Book

Page

for: Property Owner

and has been noted in the chain of title of the affected property in:

Book

Page

In accordance with the Order of Conditions issued on:

Date

If recorded land, the instrument number identifying this transaction is:

Instrument Number

If registered land, the document number identifying this transaction is:

Document Number

Signature of Applicant



Falmouth Conservation Commission

59 TOWN HALL SQUARE, FALMOUTH, MASSACHUSETTS 02540
(508) 495-7445

Name: Dan O'Connor- Wild Harbor Yacht Club
Address: 386 Wild Harbor Rd, Falmouth, MA
DEP #: 25-4566

FINDINGS:

1. The applicant proposes to reconstruct the existing boat ramp, install a temporary sheet piling around the structure during construction, and repair an existing drainage pipe.
2. Resource areas onsite and within 100 feet of the proposed project include Land Under Ocean, Salt Marsh, Land Containing Shellfish, Bordering Vegetated Wetland, Land Subject to Coastal Storm Flowage (LSCSF) and Resource Area Buffer.

INTERESTS

1. Storm Damage Prevention
2. Flood Control
3. Pollution Prevention
4. Protection of fisheries
5. Protection of land containing shellfish
6. Protection of wildlife habitat

STANDARD CONDITIONS

1. Permission is granted to Wild Harbor Yacht Club, c/o Dan O'Connor, 386 Wild Harbor Rd, North Falmouth, MA, to reconstruct the existing boat ramp, install a temporary sheet piling around the structure during construction, and repair an existing drainage pipe according to the narrative and plan prepared by Falmouth Engineering, Inc., dated July 9, 2020 and entitled "Site Plan- Boat Ramp Reconstruction" and subject to the following Standard and Special Conditions.
2. This Order is issued pursuant to Mass. General Laws, Chapter 131, sec. 40, the Wetlands Protection Act and Chapter 235 of the Code of Falmouth the Wetlands Bylaw. The Wetlands By-law is more stringent than the Wetlands Protection Act as permitted by that Act. The Conservation Commission reserves the right to impose additional or other conditions to protect the Interests of the Massachusetts Wetlands Protection Act and Falmouth Wetlands Bylaw.
3. The determinations of the Falmouth Conservation Commission are made solely to determine issues arising under the Massachusetts Wetlands Protection Act and the Town of Falmouth Wetlands By-Law, and are therefore concerned exclusively with the question whether any proposed activity will have an adverse effect on the wetlands resource interests listed in the applicable statutes, regulations, by-laws and rules. Nothing contained in this determination is intended in any way to grant to any person any

title, easement or other interest in lands, public or private, and the Falmouth Conservation Commission is without legal authority to make any grant of title, easement or other property interest, or to make any determination of property interests. See Tindley v. D.E.Q.E. 10 Mass. App. Ct. 623 (1980).

4. Any work taking place prior to all administrative and legal appeal periods expiring or during the pendency of any such appeal is at the risk of the applicant and/or owner of the property. At the risk of means that should an administrative agency or court find this order and permit were granted in error, all work will have to be restored to its original condition (at the time work was instituted) at the expense of the applicant and/or owner.
5. Issuance of the Order of Conditions does not relieve the permittee from obtaining all other necessary municipal, county, state or federal permits, permission or other approvals required.
6. By the acceptance and recording of this Order, the applicant hereby grants the commission and its duly authorized agents the right to enter onto the land governed by this Order to examine the project and ensure Compliance. Such visits shall be made in a reasonable manner. The Conservation Commission as well as its staff and agents have the authority to issue an Enforcement Order if work does not comply with the terms or intent of the conditions contained herein or the plans herein referenced.
7. The Order of Conditions expires three (3) years from the original date of issuance. Any Amendments to the Order of Conditions **do not** extend the Original Order. You may request an Extension to the original Order of Conditions, in writing, at least 30 days prior to the expiration. Unless otherwise specified, all Conditions cited herein will apply to any and all Amendments to this Order of Conditions.
8. Prior to any work commencing:
 - a. Proof of recording of this Order of Conditions at the Barnstable County Registry of Deeds must be received by the Conservation Commission.
 - b. At least 10 days advance **written** notification shall be provided to the Conservation Commission.
 - c. Copies of any other permits and licenses including building permit, special permit, variances, and Chapter 91 license shall be submitted to Conservation Commission.
 - d. The DEP File Number shall be posted on a sign on the street side of the lot and maintained in a visible condition throughout the project. A copy of this Order of Conditions is to be posted onsite, to be maintained in a visible location and condition throughout the project. Copies of this Order of Conditions are also to be provided to all outside contractors, to be kept onsite during work at all times.
 - e. The Limit of Work must be installed prior to any work, excavation, construction or clearing of vegetation, in order to prevent damage to the Interests of the Act and Bylaw. The Limit of Work shall consist of a single row of staked strawbale/silt fencing.
 - i. **Please be advised that the use of a straw/mulch waddle/sock is not allowed unless approved in writing by the Conservation Administrator. The Conservation Administrator reserves the right to revoke any approval if this method is determined to be ineffective or is not maintained.**

9. The Limit of Work strawbales/silt fencing shall be replaced as necessary and should to be maintained in good condition throughout the entire construction period. Upon completion of all construction and stabilization of the site, strawbales/silt fencing is to be removed and properly disposed of. No fill is allowed to be placed against or outside the Limit of Work at any time. There shall be no work or storage of materials outside the Limit of Work.
10. The construction site is to be cleaned daily to remove any loose debris and permitted cuttings offsite. Any fill or excavated material not required to backfill and grade to the approved plan of reference shall be immediately removed offsite or to an appropriate upland location noted on the plans.
11. The applicant shall use all means to effectively prevent erosion into the wetland or other Resource Area and to encourage the growth of protective vegetation.
12. Any other proposed activities (alteration, fill, excavation or removal of vegetation) within any Resource Area or within 100 feet of any Resource Area will require that the applicant obtain all necessary permits from the Conservation Commission.
13. Before work can begin (i.e. clearing or construction) the Town of Falmouth Conservation Commission Form(s) 1 and 2 are to be submitted to the Conservation Department, identifying the General Contractor (GC) and other responsible parties and signed by the GC and all other responsible parties confirming that the signatories thereto have read and understand the Order of Conditions and that they jointly and severally take responsibility for compliance with the OOC on site during the life of the project. These documents shall be submitted with the ten (10) day start work notification required by Standard Condition #8(b).
14. Any changes to the plan of record noted in Standard Condition 1 above, no matter how minor in scope, including, but not restricted to, changes in the building footprint and appendages such as decks, addition and/or modification of accessory structures, changes in landscape features such as patios, retaining walls, plantings, removal of vegetation, the modification of finished grades, etc. require that the applicant obtain the permission of the Conservation Commission *before* undertaking the modified work. Depending on the scope of the change, said permission may be obtained by filing for an Administrative Approval, an amended Order of Conditions, or entirely new Notice of Intent. Failure to comply with this condition may subject the applicant to an enforcement order and/or fines.
15. This Order of Conditions will not be fully complied with unless and until a duly executed Certificate of Compliance is recorded or registered, as appropriate, in Barnstable Registry of Deeds. If this Order is based on a professionally rendered drawing then a letter must be submitted from an engineer or architect certifying full compliance and any deviation from the approved plans, as well as, an "Existing Conditions" plan. This plan shall include ALL structure and landscape features including patios, retaining walls, ornamental plantings, native plantings, AC units, steps, outdoor showers, walkways, etc. Any mitigation trees for the project shall be located and identified to species. Any mitigation shrubs for the project shall be delineated on the plan, labeled as "native buffer shrubs" and the final square footage noted. A request for a Certificate of Compliance shall be made in writing immediately following completion of all work including permanently stabilizing the site with vegetation.

SPECIAL CONDITIONS:

1. Prior to the reconstruction of the boat ramp and pre- construction shall be held onsite with the applicant's representatives, contractor, and conservation staff to review construction methodology and access.
2. Construction methodology shall follow the sequence outlined in the narrative submitted with the Notice of intent.
3. Prior to conducting any work on the property, pre-construction photos shall be taken and submitted to the Conservation department for review. Photos shall be submitted with the 10 day start work notification required by Standard Condition #8(b).
4. The construction site is to be cleaned daily to remove any loose debris.
5. No Certificate of Compliance will be issued until the entire project, including landscaping, is completed and the site is permanently stabilized with vegetation.
6. Special Condition 4 and 7 shall be written into the Certificate of Compliance and shall be registered with and ongoing with the deed.

VOTE AUTHORIZING SIGNATURES OF COMMISSIONERS

In accordance with the unanimous vote of the Falmouth Conservation Commission, Jennifer L. Lincoln, Conservation Administrator is authorized to sign on behalf of each individual Commissioner as reflected in the recorded Land Court Document: 1,393,706 dated 04-03-2020 9:24 Barnstable Land Court Registry

VOTE AUTHORIZING SIGNATURES OF
COMMISSIONERS

On March 18, 2020, the Falmouth Conservation Commission met in open session through publicly accessible video-conference software, pursuant to the Order Suspending Certain Provisions of the Open Meeting Law, issued by Governor Charles D. Baker on March 12, 2020. At this duly held meeting, the following action was taken by the Falmouth Conservation Commission.

Motion: To authorize Jennifer Lincoln, Falmouth Conservation Administrator, to physically sign Falmouth Conservation Commission documents on behalf of individual Falmouth Conservation Commission members.

Vote: Unanimous

Vice Chairman Russell Robbins—Aye
Commissioner Elizabeth Gladfelter—Aye
Commissioner Maureen Harlow-Hawkes—Aye
Commissioner Courtney Bird—Aye
Alternate Commissioner Kevin O'Brien—Aye
Alternate Commissioner Peter Walsh—Aye
Commissioner Mark Gurnee—Aye
Chairman James Mathews—Aye

The above is a true and accurate account of the proceedings of the Falmouth Conservation Commission.

James C Mathews
3-27-20

James Mathews, Chairman

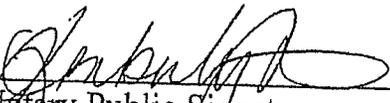
Date

The Commonwealth of Massachusetts
County of Barnstable

On this 27 of March 2020, before me, Kimberly Fish
(name of notary public), James Mathews personally appeared and proved to me through satisfactory evidence of identification, which were personally known to me, to be the person whose name is signed on the preceding document, and acknowledged to me that he signed it voluntarily for its stated

purpose.

Bk 33445 Pg223 #62052


Notary Public Signature

KIMBERLY FISH
NOTARY PUBLIC, COMM OF MASSACHUSETTS
MY COMMISSION EXPIRES MARCH 5, 2021

BUSINESS

#1 Interview, vote and appoint committee member: Commission on Disabilities – Caroline Knox

Commission on Disabilities

2 vacancies

- One unexpired term until 6/30/22
- One term until 6/30/23

1 applicant:

- Caroline Knox



TOWN OF FALMOUTH
BOARD, COMMITTEE OR COMMISSION
APPLICATION FORM

If you are interested in serving the Town of Falmouth in any capacity, please fill out this form and mail it to: The Board of Selectmen, Falmouth Town Hall, 59 Town Hall Square, Falmouth, MA 02540. Information received will be available to all Town Boards and Officials, although the filling out of this form does not assure appointment. If selected for an interview, you may wish to submit a resume or additional information. This form and a listing of all boards and committees can be found on the Falmouth website: www.falmouthmass.us.

Caroline Knox

Name: _____
Address: 4 Maria Lane Village: East Falmouth ZIP: 02536

Mailing Address: _____ Village: _____ ZIP: _____

Telephone: _____ Email: _____

How long have you been a Resident 6yrs (date: _____) / Taxpayer 3yrs (date: _____)
3-6 hours per week

Amount of time you are available to give: _____

Town Committee, Board or Commission you are interested in serving on:

1. Commission on Disability
2. _____
3. _____

Seeking: Permanent Position Alternate Position No

Have you attended any meetings of the committee for which you are applying? _____

Relevant affiliation and work and personal experiences _____
Upper Cape Tech H.S. Health Services Advisory Board -parent rep

Cape Cod Curling Club- volunteer

Morse Pond Library -volunteer

Town offices held in Falmouth or elsewhere and dates of years served: _____

Briefly describe the particular skills you feel you will add to the committee or board:
I have been a parent volunteer since my children have been in school. I am currently a graduate student at Umass Boston. I am studying Vocational Rehab Counseling at the School of Global Inclusion. As a disabled/wheelchair using single mom, I think I will bring a unique perspective to the commission.

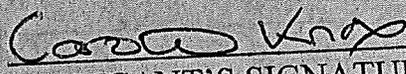
List three (3) references:

	Name	Title	Phone
1.	Deborah Bent	-VRC at Mass Rehab Commission	[REDACTED]
2.	Jim Woodworth	-Editor at the Falmouth Enterprise	[REDACTED]
3.	Meghan Lino	- Paralympic Curler -East Falmouth	[REDACTED]

I hereby certify that I have been provided a summary of Massachusetts General Law 268A, the Conflict of Interest of Law, I have read the material provided, and to the best of my understanding have no potential or actual conflict of interest.

I have received a copy of the Board of Selectmen's Appointment Policy and read the material provided

12/16/2020
DATE


APPLICANT'S SIGNATURE

In the event the applicant cannot sign this statement, you should provide an explanation of the reason why if you still wish consideration for appointment.

Town Committee Vacancies

The Falmouth Select Board announces the following vacancies on Town committees:

Committee	Term Until
Board of Survey (2 positions)	6/30/21
Building Code Board of Appeals (1 position)	6/30/25
Cable Advisory Committee (1 position)	6/30/23
Coastal Pond Management Committee (4 at-large positions)	6/30/22, 6/30/23
Commission on Disabilities (2 positions)	6/30/22, 6/30/23
Community Preservation Committee (1 position)	6/30/23
Conservation Commission (1 alternate position)	6/30/22
Constable (1 position)	6/30/21
Council on Aging (1 position)	6/30/22
Edward Marks Building Advisory Committee (1 position)	5/31/21
Energy Committee (1 position)	6/30/23
Historical Commission (1 Architect - full position, 1 alternate position)	6/30/21
Human Services Committee (2 positions)	6/30/21
Sign Review Committee (4 full positions, 2 alternate positions)	6/30/21, 6/30/22, 6/30/23

The following position is up for re-appointment and has an incumbent; however, applications are welcome:

Committee	Incumbent for Reappointment	Term
Steamship Authority Board of Governors	Kathryn Wilson	6/30/23

The deadline for submitting applications is Monday, December 28, 2020. Applications are available on the Town website <https://ma-falmouth.civicplus.com/647/Town-Committees>. Please submit applications to the Office of the Select Board.

Publication date: December 11, 2020; Falmouth Enterprise

BUSINESS

#3 Report – Waterways Committee

Diane Davidson

From: Jeff Thomas
Sent: Thursday, December 17, 2020 3:32 PM
To: Diane Davidson
Cc: [REDACTED]
Subject: Slides for Waterways Report for Dec 21
Attachments: Waterways Report 2020.pptx; Pictorial View Falmouth Navigable Waterways.pdf; dredging priority list final 12_02_2020.pdf; Primer of Dredging Activity in Falmouth MA.pdf

Hi Diane,

I have attached my report for Monday, in Powerpoint Format. Waterways Report 2020.pptx

I also wanted to attached for the Board some documents that I will be referencing (not going over in the meeting) and had taken content from.

- Pictorial View Falmouth Navigable Waterways.pdf
- Dredging priority list final 12_02_2020.pdf
- Primer of Dredging Activity in Falmouth MA.pdf

Thanks

Respectfully,

Jeff

Jeff Thomas
Chair
Town of Falmouth Waterways Committee
waterways@falmouthma.gov
[REDACTED]

Falmouth Waterways Committee

2020 Yearly Report

Jeff Thomas, Chair

Falmouth Waterways Committee

Dec 17, 2020

Rev 1



2020 Committee Activity Summary

- The Waterways Committee was able to meet monthly 8 out of 12 months this year
 - Feb and March meetings held then COVID-19 Shutdown
 - Resumed in July using ZOOM
- Our focus this year was establishing some short term and long-term priority planning, all related to navigational dredging needs.
- We realized that a need existed for some quantification and identification of Waterways assets in Falmouth that have been, are currently, or in the future could be subject to dredging.
- Established the following goals for completion in the calendar 2020 year.
 - a. Identify a detailed list of all town waterways fitting dredging possibilities.
 - b. Develop some criteria to help quantify need assessment, and impact to any dredging delays, deferments, or dismissal.
 - c. Prioritize the list of areas, to help focus on short, intermediate, and longer-term planning for budgeting and actioning on needed waterways.
 - d. Document our Town's Waterways nuances (lists, pictorial views, dredging activities) in a manner that is clear and visible to the general public.

a. Falmouth Navigable Waterways



Town of Falmouth Massachusetts

- Has 95 miles of shoreline
- Has 32 distinct Identified areas that are in the past, currently, or in the future subject to navigational dredging

a. Waterways Comprehensive List

Area #	Location
1	Bourne's Pond Approach
2	Bourne's Pond Embayment
3	Child's River Embayment
4	Eel Pond Woods Hole
5	Eel River Approach
6	Eel River East Embayment
7	Eel River West Embayment
8	Falmouth Harbor Embayment
9	Falmouth Harbor Inlet
10	Fiddlers Approach
11	Fiddlers Embayment
12	Great Harbor Embayment
13	Great Pond Embayment
14	Great Pond Inlet
15	Green Pond Embayment
16	Green Pond Inlet
17	Little Harbor Embayment
18	Megansett Approach
19	Megansett Embayment
20	Megansett/Bourne Channel

Area #	Location
21	Perch Pond Embayment
22	Quissett Embayment
23	Rands Canal
24	Seapit River Embayment
25	Waquoit Bay Embayment
26	Waquoit Bay Inlet
27	West Falmouth Approach
28	West Falmouth Embayment
29	West Falmouth Inlet
30	Wild Harbor Approach
31	Wild Harbor Embayment
32	Wild Harbor Inlet

Water Quality Dredging - Not Navigational Areas

Little Pond Inlet
 Little Pond Embayment
 Trunk River Inlet
 Trunk River Embayment
 Fresh River

b. Waterways List With Marine Traffic Data

Town of Falmouth Mass Dredgible Navigable Waterways								
Rev 4 12/02/2020	<u>Moorings</u>							
Location	Area	Qty	Docks	Clubs/Associations	Boat Ramp	Commercial	Comments	
Megansett Approach	Megansett Outer Hbr (MHO)	86	2	Megansett YC	Town Ramp		Sole access for Bourne	
Megansett Embayment	Megansett Inner Hbr (MHI)	73	1 Town					
Megansett/Bourne Channel		8						
Rands Canal	Rands Canal (RC)	15	14					
Fiddlers Approach	Fiddlers Cove (FC)	5	32	Seascope Assoc	Seascope Assoc Prvt	Safe Harbor Marina		
Fiddlers Embayment								
Wild Harbor Approach	Wild Harbor Inner (WH)	37	1	Wild Hbr YC	WHYC Prvt			
Wild Harbor Inlet	Wild Harbor Outer (WHO)	60						
Wild Harbor Embayment								
West Falmouth Approach	West Fal Hbr (WF)	120	23	West Fal YC	Town Ramp			
West Falmouth Inlet	West Fal Outer (WFO)	197		Chappaquoit Assoc??				
West Falmouth Embayment								
Quissett Embayment	Quissett Harbor (QH)	248	20	Quissett YC Gansett Assoc		Quissett Boat Yard		
Great Harbor Embayment	Great Hbr Woods Hole (GHW)	218	30+	Woods Hole YC	Commercial Town Ramp	WHOI, MBL, NOAA Steamship Authority Other ferries		
Eel Pond Woods Hole	Eel Pond Woods Hole (EPW)	91	15+	MBL Boat Club WHOI Employee Assoc	MBL Prvt	Woods Hole Marine Pinky's Marine USCG		
Little Harbor	Little Hbr Woods Hole (LHW)	54	1 Town USCG 6 Prvt					
Falmouth Inner Hbr Inlet	Falmouth Inner Harbor (FI)	109	Many	Falmouth YC	State Ramp	Pier 37, McDougalls, East Marine, Falmouth Marine, Edgartown Ferry Island Queen Many others	Town ramps, Town piers, Sheriff's Dept MEP	
Falmouth Inner Hbr Embayment								
Great Pond Inlet	Great Pond Maravista - Cnm Rvr (GPC)	74	47	Great Harbors Assoc	Town Ramp			
Great Pond Embayment	Great Pond Maravista - (GPM)	320		Falmouthport Assoc	Dexters Mill Prvt Rivers End Prvt			
Perch Pond Embayment		0	18	Perch Pond Assoc				
Green Pond Inlet	Green Pond North of Bridge (GRN)	105	GRN 72	Green Pond YC	State Ramp	Freedom Boat Club Green Pond Marina		
Green Pond Embayment	Green Pond South of Bridge (GRS)	92	GRS 23 1 Town					
Bourne's Pond Approach	Bournes Pond (BP)	18	18					
Bourne's Pond Embayment								
Eel River Approach	Eel River West (ERW)	181	ERW 124	Seacoast Shores Assoc			Washburn Island Access	
Eel River Embayment	Eel River East (ERE)	155	ERE 26	Menahunt YC				
Child's River Embayment	Child's Pond West (EPW)	91	73	Seacoast Shores Assoc	State Ramp	Bosun's Marine		
Seapit River Embayment	Seapit River (SR)	22	14			Atlantic Oysters		
Waquoit Bay Inlet	Waquoit Bay (WB)	237 Fal	11 Fal	Waquoit Bay YC	2 Falmouth- State & Town	Little River Boat Yard	WEBNERR	
Waquoit Bay Embayment		? Mashpee	196 Mashpee		2 Mashpee -State & Town		Washburn Island Access Town of Masphee Access	

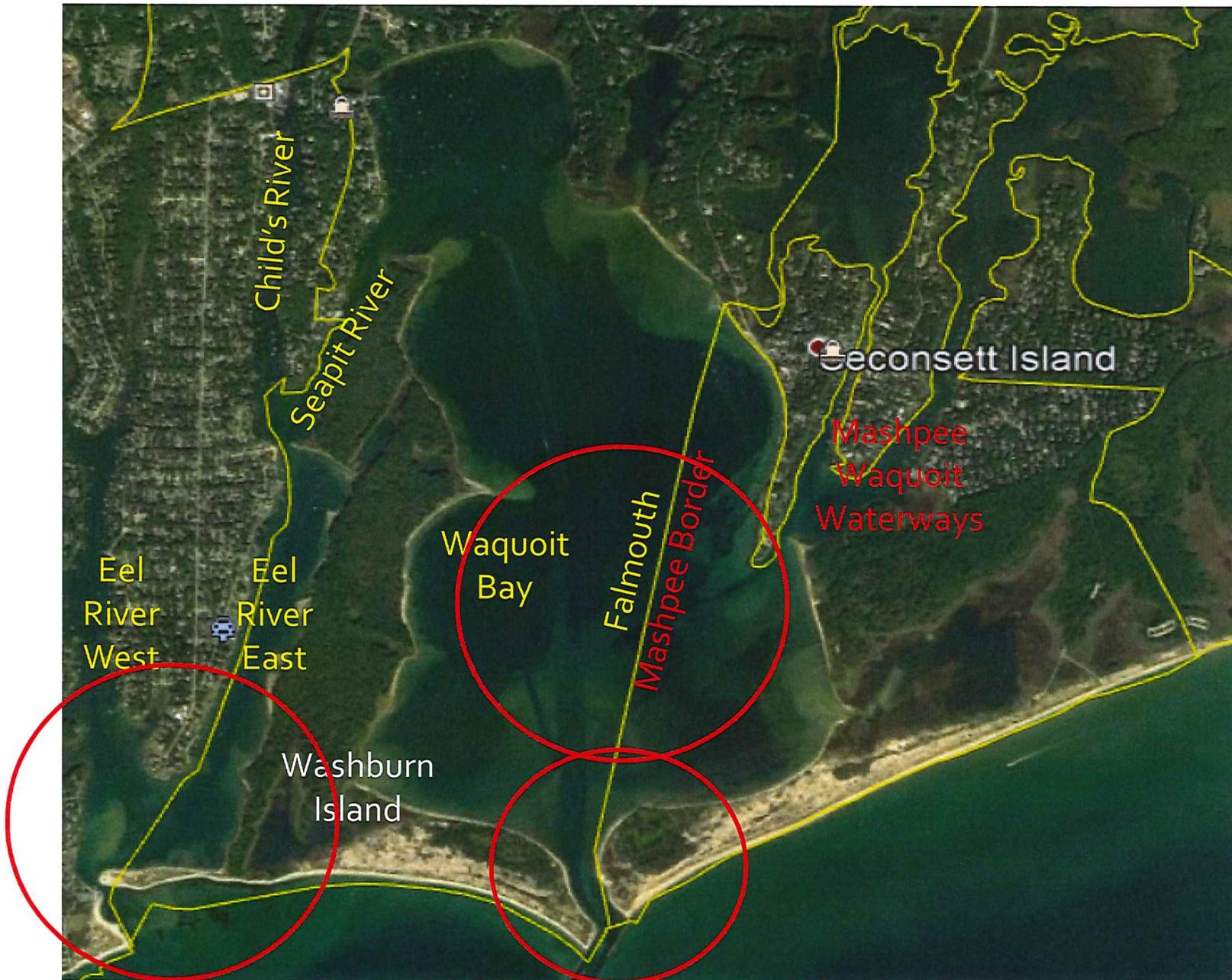
c. Prioritized Dredging List

Area #	Location	Ranking	Permit
1	Waquoit Bay Inlet	1	No
2	Waquoit Bay Embayment	2	No
3	West Falmouth Inlet	3	No
4	Great Pond Embayment	4	No
5	Child's River Embayment	5	No
6	Seapit River Embayment	6	No
7	Eel River East Embayment	7	No
8	Megansett Approach	8	No
9	West Falmouth Embayment	9	No
10	Megansett Embayment	10	No
11	West Falmouth Approach	11	No
12	Fiddlers Approach	12	Yes Private
13	Megansett/Bourne Channel	13	No
14	Rands Canal	14	No
15	Quissett Embayment	15	No
16	Fiddlers Embayment	16	Yes Private
17	Great Harbor Embayment	17	No
18	Eel Pond Woods Hole	18	No
19	Little Harbor Embayment	19	No
20	Perch Pond Embayment	20	No

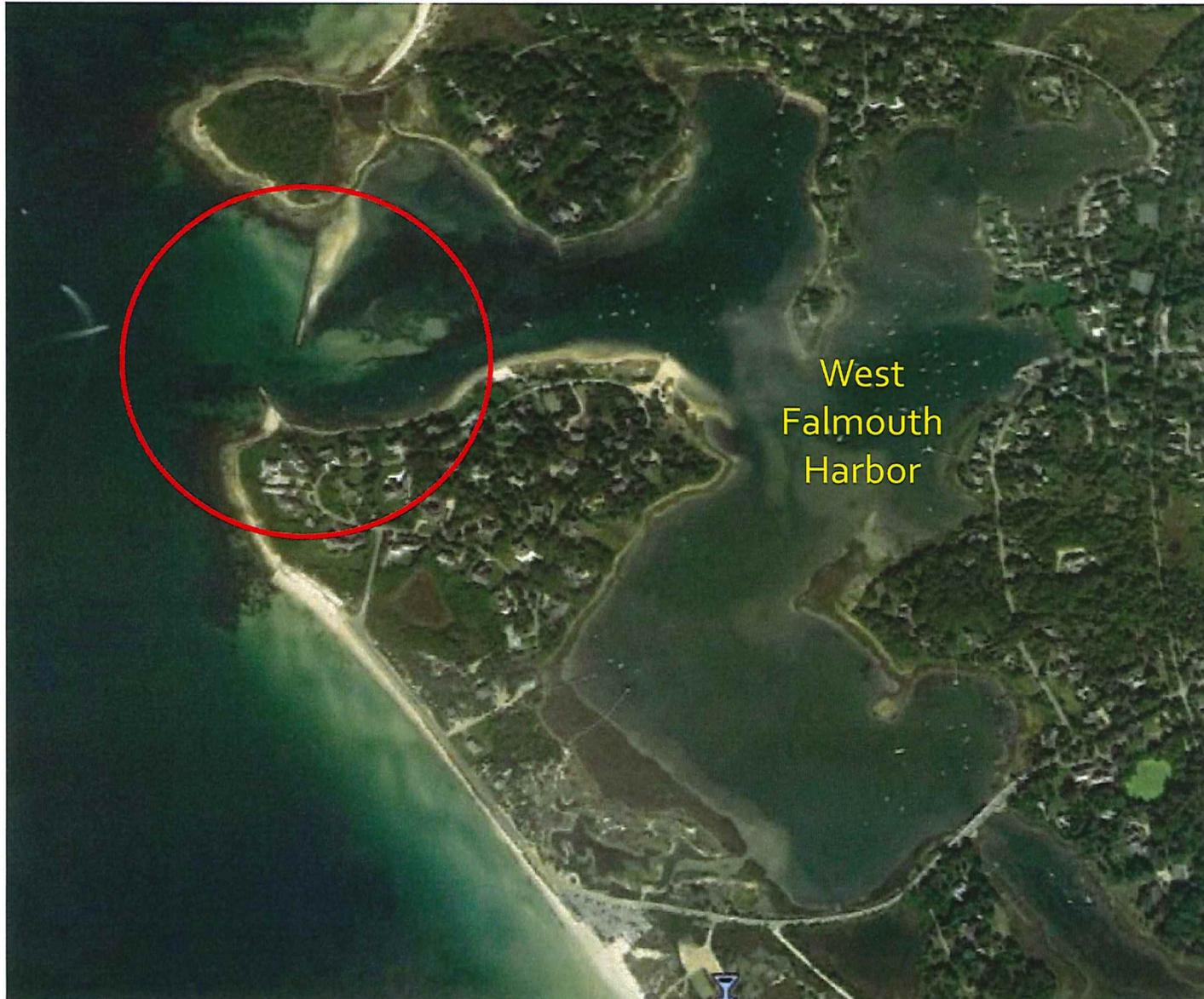
The following 12 areas are already covered with permitting and budgets as required, and do not belong in the strategic priority list:

Eng & Permitting in 10 Y Comprehensive permit		
21	Green Pond Embayment	10 Y Com
22	Falmouth Harbor Embayment	10 Y Com
23	Eel River West Embayment	10 Y Com
24	Wild Harbor Inlet	10 Y Com
25	Bourne's Pond Embayment	Yes DPW
26	Wild Harbor Embayment	10 Y Com
27	Wild Harbor Approach	10 Y Com
Annual or Every Other Year		
28	Falmouth Harbor Inlet	10 Y Com
29	Great Pond Inlet	10 Y Com
30	Green Pond Inlet	10 Y Com
31	Bourne's Pond Approach	10 Y Com
32	Eel River Approach	10 Y Com

c. Priority Area - Waquoit Bay Waterways



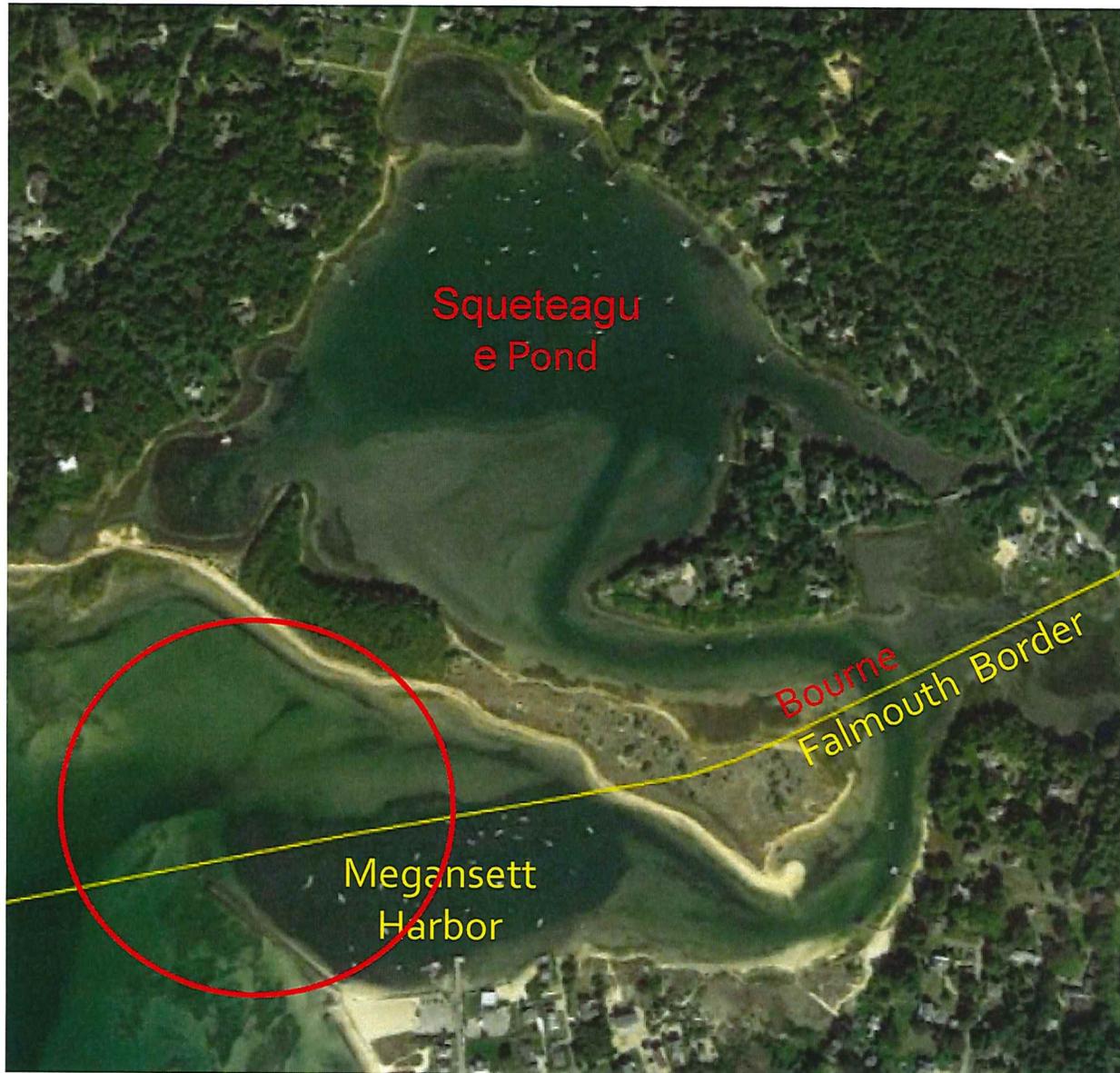
c. Priority Area - West Falmouth Harbor



c. Priority Area – Great Pond



c. Priority Area - Megansett Harbor



d. Documents Referenced

Web Links can be found on the Waterways Web Page under Related Meeting Documents:
<http://www.falmouthmass.us/1228/Related-Meeting-Documents>

Title: **Primer of Dredging Activity in Falmouth MA**
Edition - Dec 2, 2020

Title: **A Pictorial View of Falmouth Navigable Waterways Dredging Areas**
Edition – Rev 3 Dec 2, 2020

Title: **Dredging Traffic Numbers**
Edition – Rev 4 Dec 2, 2020

Title: **Dredging Priority List Final**
Edition –Dec 2, 2020

2020 Waterways Committee

	Title	Term
Jeffrey Thomas	Chair	June 30, 2023
Michael Kinney	Vice Chair	June 30, 2021
Charles Eastman		June 30, 2022
Kevin King		June 30, 2023
Daniel Shearer		June 30, 2022
Joseph Vocci		June 30, 2022
R. Charles Martinsen	Board of Health Rep	Permanent
*Gregg Fraser	Director Marine & Environmental Services	Permanent

*Non Voting Member



An Introductory Primer of Dredging Activity in the Town of Falmouth Massachusetts

Jeff Thomas
Falmouth Waterways Committee
December 2, 2020

Introduction

The Falmouth Waterways Committee is an advisory committee to the Select Board. Part of its mission is to protect, maintain, develop, and improve the navigable waterways. As such it spends the majority of its time addressing the topic of navigational dredging and is the focal point for public requests and complaints regarding issues in our town's waterways.

The required activities and challenges of actually dredging a waterway is not a simple process, as we cannot just have a dredge start removing materials to deepen any given waterway when it may need to be done. The intent of this document is two-fold. First to explain the process in sufficient detail to anyone desiring to understand, plan, or request a specific waterway be addressed by Falmouth. The committee is often asked "how long does it take?" Therefore the second intent of this document is to make our frequent answer of "not sure" more clear.

Note at the time this document was written, in the Town of Falmouth, the Waterways Committee currently has identified and characterized a total of 31 identifiable navigable waterways within our boundaries that have been in the past, and/or are candidates for potential current and future dredging. These are listed in Appendix A and Appendix B in this document.

First Some Basic Definitions

Dredging is the form of excavation carried out underwater or partially underwater, in shallow waters or ocean waters. It keeps waterways and ports navigable for marine traffic.

Dredging is a four-part process: loosening the material, bringing the material (referred to as spoils) to the surface, transportation of the spoils, and final dispersion or disposal.

Spoil composition can be in many different forms, from mainly sand (suitable for disposal directly on beaches for nourishment), materials containing various levels of mud and organic content, to material contaminated with compounds not suitable for use.

Spoils can be transported by barge to be hauled for transit off site for either storage, treatment, and final disposition. Spoils can also be pumped from the barge directly in a liquid suspension in long pipelines. It can also be barged and deposited in seabeds offshore or in other designated coastal areas.

Generally the type of dredging Falmouth performs is referred to as **Maintenance Dredging**, meaning to deepen or maintain navigable waterways or channels which are threatened to become silted with the passage of time, due to sedimented sand and mud and other elements, possibly making them too shallow for navigation.

The Dredging Process

When an individual or organization suggests that a particular waterway may need to be dredged, there is a relatively long and multi-step process that has to be followed before any dredging project can occur. The following Figure 1 is a high-level overview of this process.

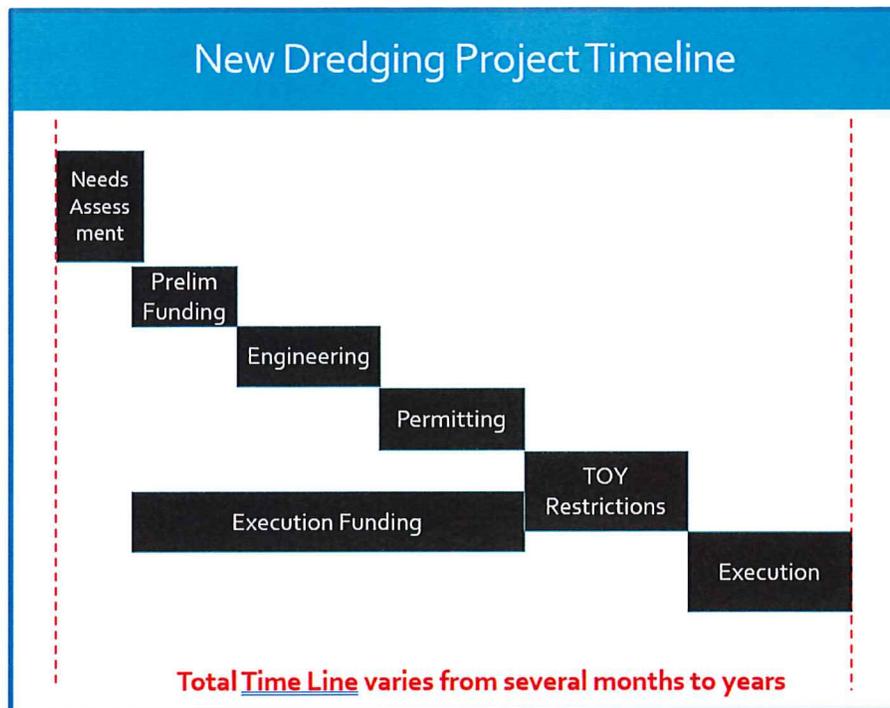


Figure 1: Dredging Process and Timeline

Needs Assessment

A Needs Assessment is the first step to determine whether or not a particular area has a problem severe enough to explore action. This would involve assessing pertinent depths, defining the total area that may have to be dredged, looking at some samples of the bottom surface that would become the spoils, evaluating the specific area in terms of its usage (both in terms of marine traffic impact, as well as functional impact (any shellfish or marine propagation). This tasking is done by the town, as well as in many cases by private individuals and/or organizations.

Project decisions are first addressed in the Waterways Committee in conjunction with the Harbormaster's office, and then recommended to the Select Board. Many factors are involved in this decision process, with the most dominant factors being estimated cost to the town, and impact based on a start and completion date. Unfortunately, not every proposed or requested dredging projection can be done in a short timeframe or a time frame that the requestors desire.

The last stage of the Needs Assessment, given the conceptual agreement to go ahead with the project, is to obtain a quote from a firm that can be contracted to provide an Engineering Plan for the project. This is done before a schedule of the project can be confirmed. The critical next step is the quote for the Engineering Plan costs. This can range from \$5000 to over \$75,000, based on the complexity and scope of the project.

Preliminary Funding

The Preliminary Funding means the cost to complete the Engineering Plan (not the project itself). These non-trivial costs cover all of the details to get the project planning started, with the final results (hence total project cost) still unknown at this time. Sources of funding can and do come from multiple sources: Town of Falmouth Non-Capital Budget, potential government or private source grants, and private funding (local individuals, landowners, businesses, clubs, and associations that raise funds to do this.

The Town budgeted sourcing is probably the longest path to get a particular project funded, as it is involved with multi-year projected budgeting, and Town meeting cycle approvals.

Grants (both government and private) are infrequently (or rarely) obtainable for maintenance dredging but are possible to apply for if they are offered for use.

It is also possible to get a project at least into the planning phase is seek out private funding. This may be the quickest option to pursue. Note this cost is usually not the dominant cost in the project. That would be Execution Costs.

Engineering Study/Plan

The Engineering phase is an extremely detailed analysis at all of the specific aspects of the dredging plan. It would include scientific evaluation of tide and current dynamics, depth soundings throughout the subject area, determination of spoil contents and associated options for final disposition, different possible approaches of the dredging path and limits, resultant impact environmentally and characteristically after the dredging is completed.

This phase also delivers all of the associated paperwork and deliverables to request the various permits required to get approvals from the associated government agencies involved to approve the project. Total timeframe of this phase ranges from 3 to 12 months once it is funded.

This Engineering will also have sufficient information to estimate the total cost of the dredging operation, and spoils disposition. As with all of the other stages, it could range in costs from \$9.00 - \$20.00 per cubic yard removed. Dredging is based on specific \$/cubic yard of spoils to be removed, plus the associated costs for spoils disposition.

Permitting

At a minimum, dredging projects must be approved and specially permitted by the following government agencies:

- Town of Falmouth Conservation Commission
- Select Board
- Massachusetts Department of Environmental Protection (Chapter 91 and Water Quality Cert)
- Army Corps of Engineers

Fees for the permitting, and subsequent dredging execution, are usually funded by the Town of Falmouth. A caution here is that, as mentioned earlier, these expenditures would have to have been budgeted and approved through the Non-capital budgeting process.

Permitting costs can range from \$5,000 - \$75,000, based on the complexity and scope of the project.

Restrictions on Permitting and Dredging

It is worth noting that there could be some restrictions due to marine life or environmental concerns that would preclude or significantly alter any specific dredging area plan. For example, any areas that contain shellfish propagation regions, or eel grass may not be permitted to dredge or may require substantial mitigation. Refer to Mass Department of Marine Fisheries (DMF) website for details on areas impacted for both shellfish and eel grass.

Dredging Execution - Almost

The project has finally made it this far, and it is ready to be scheduled and begin. However, first it is time to introduce you to another couple of concepts, both of which can impact schedules – **Time of Year restrictions (TOY)** and **Types (based on location) of Dredging**.

TOY

Mass Department of Marine Fisheries (DMF) has placed dredging restrictions (blackout timeframes) on when these cannot occur due to various marine life propagation cycles. Reference for details:

*Summary of Marine Fisheries Resource Recommendations for Municipal
Maintenance Hydraulic Dredging Activities*

Technical Report - March 2012

These restrictions also impact if spoils are being deposited on beaches for nourishment.

So bottom line, the dredging window usually consists of 4.5 months a year.

An oversimplification of the document above shown in Figure 2 basically restricts allowable timelines:

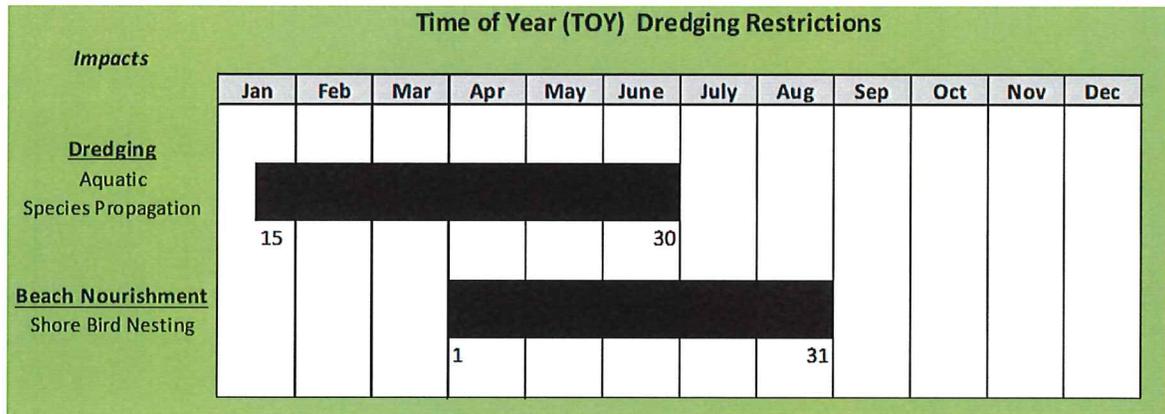


Figure 2: TOY Restriction Timelines

Note more details are included in Appendix C of this document.

**Appendix C: Citation and Abstract of Summary of Marine Fisheries Resource
Recommendations for Municipal Maintenance Hydraulic Dredging Activities**

Types (based on location) of Dredging

For critical needs, there is a waiver process for the TOY from the DMF/DEP. Waiver applications are reviewed and a possible waiver granted (not guaranteed), but it is for specific instances only. The following illustration in Figure 3 shows the various scenarios.

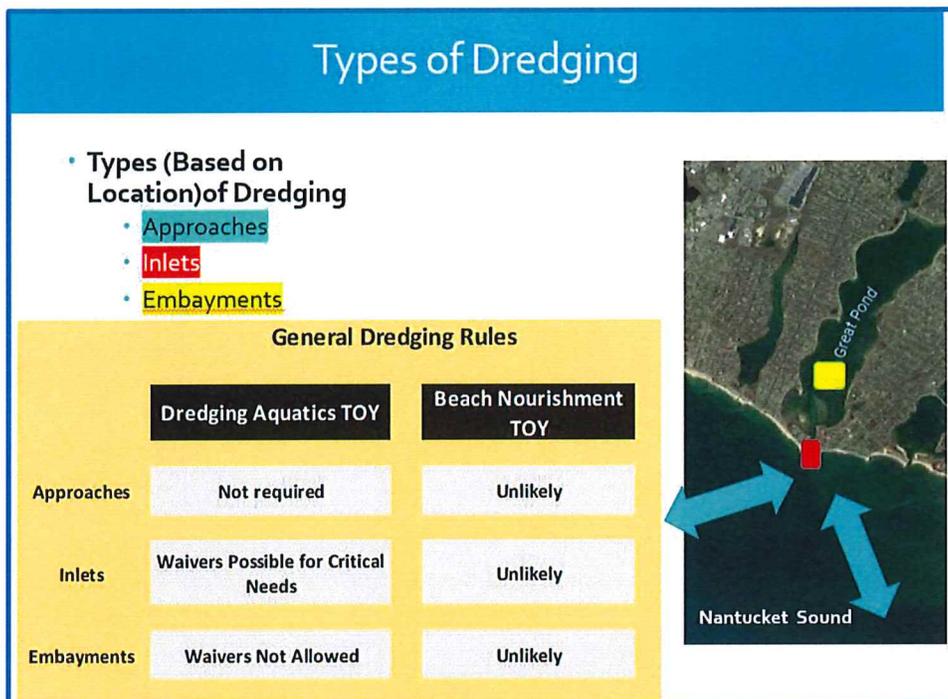


Figure 3: Types of Dredging

Dredging Execution – Finally

When the process has been followed as described above, the actual dredging does not yet commence. This is arguably the simplest phase to execute. With the proper dredging equipment in place, the dredge can take the course of hours or weeks, depending on the specific scope of the individual project.

Falmouth contracts with and is one of the primary users of the Barnstable County Dredge program. The county has multiple barge-based dredges that can be deployed. Falmouth has also used a crane-based dredge that can be leased from Plymouth County when the water depth is very low and a barge solution is not required.

10 Year Comprehensive Permit

Several of the areas that are dredged on a frequent basis, and due to their relatively simple nature (from a perspective of no conservation or environmental concerns) are handled together in a group basis in terms of Engineering and Permitting. These share the common traits that their spoils are predominantly sand based and would be directly suitable for beach nourishment. This is all contained in a 10 Year Comprehensive Permit that allows dredging as needed. They are required to follow all TOY restrictions.

The areas covered in the permit are listed below in Figure 4. This permitting also covers the permitting of disposal areas as well as the dredging itself. In all cases Falmouth has prearranged for the spoil distribution in Town, State, and in some cases private beaches. Note that there are a few areas listed that are listed for Water Quality dredging (with the DPW taking the lead on these) that are not considered navigable waterways in Falmouth.

Beaches in Comprehensive Permit for Nourishment	Inlets in Comprehensive Permit for Dredging
<ul style="list-style-type: none">• <u>Acapesket</u> Improvement Assoc - Great Pond• <u>Acapesket</u> Improvement Assoc – Green Pond• Bristol Beach• Clinton Ave• Falmouth Heights• Inn Seasons Resort• <u>Menauhant</u> Beach• New Silver Beach• <u>Pyne</u> Trustees• South Cape Beach• Surf Drive Beach	<p><u>Navigational Areas</u></p> <ul style="list-style-type: none">• Bournes Pond– Inner Channel• Bournes Pond –Outer Channel• Eel River Entrance Channel• Eel River Extension• Falmouth Inner Harbor Entrance• Great Pond• Green Pond• Wild Harbor – Inner Harbor• Wild Harbor – Outer Channel <p><u>Water Quality Areas</u></p> <ul style="list-style-type: none">• Fresh River• Little Pond• Salt Pond• Trunk River

Figure 4: Areas Covered in 10 Year Comprehensive Permit

Appendix A: List of Falmouth Navigable Waterways

Town of Falmouth Mass Dredgable Navigable Waterways								
Rev 4 12/02/2020	Location	Area	Moorings Qty	Docks	Clubs/Associations	Boat Ramp	Commercial	Comments
	Megansett Approach	Megansett Outer Hbr (MHO)	86	2	Megansett YC	Town Ramp		Sole access for Bourne
	Megansett Embayment	Megansett Inner Hbr (MHI)	73	1 Town				
	Megansett/Bourne Channel		8					
	Rands Canal	Rands Canal (RC)	15	14				
	Fiddlers Approach	Fiddlers Cove (FC)	5	32	Seascope Assoc	Seascope Assoc Prvt	Safe Harbor Marina	
	Fiddlers Embayment							
	Wild Harbor Approach	Wild Harbor Inner (WH)	37	1	Wild Hbr YC	WHYC Prvt		
	Wild Harbor Inlet	Wild Harbor Outer (WHO)	60					
	Wild Harbor Embayment							
	West Falmouth Approach	West Fal Hbr (WF)	120	23	West Fal YC	Town Ramp		
	West Falmouth Inlet	West Fal Outer (WFO)	197		Chappaquoit Assoc??			
	West Falmouth Embayment							
	Quissett Embayment	Quissett Harbor (QH)	248	20	Quissett YC Gansett Assoc		Quissett Boat Yard	
	Great Harbor Embayment	Great Hbr Woods Hole (GHW)	218	30+	Woods Hole YC	Commercial Town Ramp	WHOI, MBL, NOAA Steamship Authority Other ferries	
	Eel Pond Woods Hole	Eel Pond Woods Hole (EPW)	91	15+	MBL Boat Club WHOI Employee Assoc	MBL Prvt	Woods Hole Marine Pinky's Marine USCG	
	Little Harbor	Little Hbr Woods Hole (LHW)	54	1 Town USCG 6 Prvt				
	Falmouth Inner Hbr Inlet	Falmouth Inner Harbor (FI)	109	Many	Falmouth YC	State Ramp	Pier 37, McDougalls, East Marine, Falmouth Marine, Edgartown Ferry Island Queen Many others	Town ramps, Town piers, Sheriff's Dept MEP
	Falmouth Inner Hbr Embayment							
	Great Pond Inlet	Great Pond Maravista - Cnm Rvr (GPC)	74	47	Great Harbors Assoc	Town Ramp		
	Great Pond Embayment	Great Pond Maravista - (GPM)	320		Falmouthport Assoc	Dexters Mill Prvt Rivers End Prvt		
	Perch Pond Embayment		0	18	Perch Pond Assoc			
	Green Pond Inlet	Green Pond North of Bridge (GRN)	105	GRN 72	Green Pond YC	State Ramp	Freedom Boat Club	
	Green Pond Embayment	Green Pond South of Bridge (GRS)	92	GRS 23 1 Town			Green Pond Marina	
	Bourne's Pond Approach	Bournes Pond (BP)	18	18				
	Bourne's Pond Embayment							
	Eel River Approach	Eel River West (ERW)	181	ERW 124	Seacoast Shores Assoc			Washburn Island Access
	Eel River Embayment	Eel River East (ERE)	155	ERE 26	Menahunt YC			
	Child's River Embayment	Child's Pond West (EPW)	91	73	Seacoast Shores Assoc	State Ramp	Bosun's Marine	
	Seapit River Embayment	Seapit River (SR)	22	14			Atlantic Oysters	
	Waquoit Bay Inlet	Waquoit Bay (WB)	237 Fal	11 Fal	Waquoit Bay YC	2 Falmouth- State & Town	Little River Boat Yard	WEBNERR
	Waquoit Bay Embayment		? Mashpee	196 Mashpee		2 Mashpee -State & Town		Washburn Island Access Town of Masphee Access

Appendix B: Map of Falmouth Navigable Waterways



Appendix C: Citation and Abstract of Summary of Marine Fisheries Resource Recommendations for Municipal Maintenance Hydraulic Dredging Activities

Summary of Marine Fisheries Resource Recommendations for Municipal Maintenance Hydraulic Dredging Activities. 10.13140/RG.2.1.1757.4003. Ford, Kathryn. (2012).

Dredge projects can result in deleterious impacts to marine fisheries resources and habitats, but the degree of impact varies widely depending on the method, frequency, timing, and location of dredging operations. In Massachusetts, on Cape Cod and the Islands, maintenance dredging associated with coastal embayments has become routine as a result of municipal dredging programs. In order for the towns to plan the timing of their dredging work, there is a need to better define time of year (TOY) restrictions and how they are applied depending on the location of the dredging activity within a waterbody. With assistance from the Massachusetts Department of Environmental Protection, the Massachusetts Office of Coastal Zone Management, and a Barnstable and Dukes County dredging workgroup, the Massachusetts Division of Marine Fisheries (Marine Fisheries) has prepared a summary of the recommendations for municipal maintenance dredging projects on the Cape and Islands in order to address marine resource concerns with these projects in a coordinated manner. The major species, groups of species, or habitats targeted by this summary are winter flounder, diadromous species, shellfish species, horseshoe crabs, eelgrass, and lobster habitat. The impacts to these species and habitats are addressed based on a mapped classification of the major waterbody features of embayment, inlet channel, and approach channel. The summary does not provide recommendations for natural resources outside of Marine Fisheries' jurisdiction, such as shorebirds. It addresses potential impacts of dredging and beach disposal activities but additional conditions for disposal activities may be needed in some cases.

Marine Fisheries standard recommendations are as follows:

1. In-water, silt-producing work should be avoided during time of year restrictions (TOYs).
2. A diadromous TOY is recommended in all embayments and inlet channels where diadromous spawning runs are known or expected to occur. If work in an embayment or inlet channel is 3 days or less and is within a cumulative impact cap (e.g. no more than 3 embayments or inlet channels in a given region), a TOY waiver is granted.
3. A winter flounder TOY is recommended in all embayments and inlet channels. If work in an inlet channel is 3 days or less and is within a cumulative impact cap (e.g. no more than 3 inlet channels in a given region), a TOY waiver is granted. Embayments are not eligible for waivers.
4. In approach channels, projects <10,000 cubic yards (cy) do not need a winter flounder or diadromous TOY. Projects >10,000 cy receive project-specific recommendations.
5. A horseshoe crab TOY is recommended for dredging in all embayments, inlet channels, and approach channels with mapped horseshoe crab spawning beaches. If dredging is >750 feet from the beach a TOY waiver is granted. If dredging will avoid a 5-day period

around the new and full moons and is 3 days or less a TOY waiver is granted. No TOY waivers are granted in the Stage Harbor complex.

6. A horseshoe crab TOY is recommended for all beach disposal activities on horseshoe crab spawning beaches. If fill is above the extreme high water mark and no construction activity is conducted on the beach a TOY waiver is granted.

7. If dredging occurs within 25 feet of shellfish resources, town propagation sites, aquaculture facilities, eelgrass habitat, or lobster habitat, TOYs, silt curtains, and/or turbidity monitoring may be recommended. Removal of shellfish or lobster resources prior to dredging may be recommended.

Falmouth Navigable Waterways Dredging Areas

A Pictorial View

Jeff Thomas

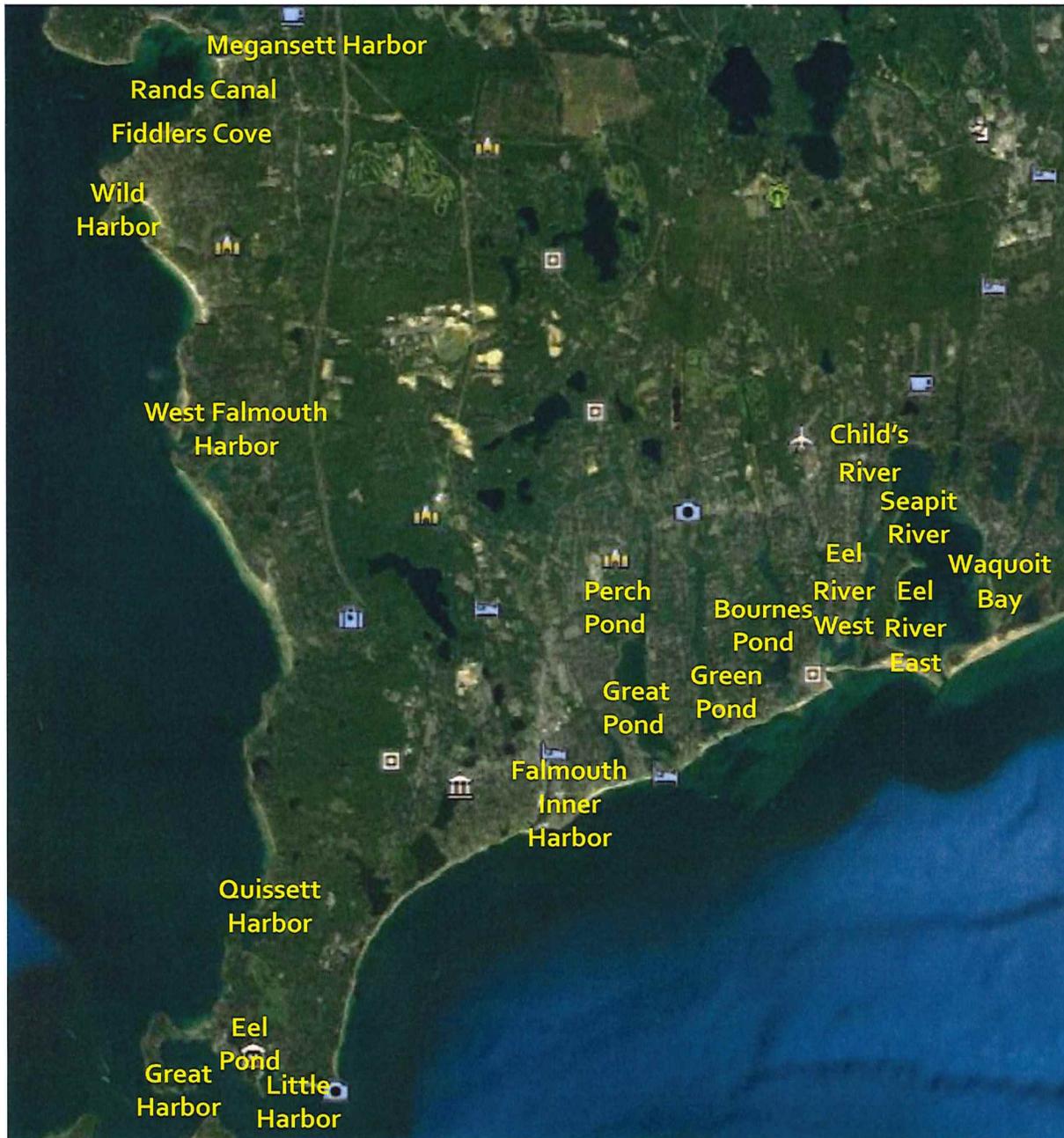
Falmouth Waterways Committee

Dec 02, 2020

Rev 3



Falmouth Navigable Waterways



Town of Falmouth Massachusetts

- Has 95 miles of shoreline
- Has 32 distinct Identified areas that are in the past, currently, or in the future subject to navigational dredging

Falmouth Navigable Waterways

Town of Falmouth Mass Dredgible Navigable Waterways								
Location	Area	Qty	Docks	Clubs/Associations	Boat Ramp	Commercial	Comments	
Megansett Approach	Megansett Outer Hbr (MHO)	86	2	Megansett YC	Town Ramp		Sole access for Bourne	
Megansett Embayment	Megansett Inner Hbr (MHI)	73	1 Town					
Megansett/Bourne Channel		8						
Rands Canal	Rands Canal (RC)	15	14					
Fiddlers Approach	Fiddlers Cove (FC)	5	32	Seascope Assoc	Seascope Assoc Prvt	Safe Harbor Marina		
Fiddlers Embayment								
Wild Harbor Approach	Wild Harbor Inner (WH)	37	1	Wild Hbr YC	WHYC Prvt			
Wild Harbor Inlet	Wild Harbor Outer (WHO)	60						
Wild Harbor Embayment								
West Falmouth Approach	West Fal Hbr (WF)	120	23	West Fal YC	Town Ramp			
West Falmouth Inlet	West Fal Outer (WFO)	197		Chappaquoit Assoc??				
West Falmouth Embayment								
Quissett Embayment	Quissett Harbor (QH)	248	20	Quissett YC Gansett Assoc		Quissett Boat Yard		
Great Harbor Embayment	Great Hbr Woods Hole (GHW)	218	30+	Woods Hole YC	Commercial Town Ramp	WHOI, MBL, NOAA Steamship Authority Other ferries		
Eel Pond Woods Hole	Eel Pond Woods Hole (EPW)	91	15+	MBL Boat Club WHOI Employee Assoc	MBL Prvt	Woods Hole Marine Pinky's Marine USCG		
Little Harbor	Little Hbr Woods Hole (LHW)	54	1 Town USCG 6 Prvt					
Falmouth Inner Hbr Inlet	Falmouth Inner Harbor (FI)	109	Many	Falmouth YC	State Ramp	Pier 37, McDougalls, East Marine, Falmouth Marine, Edgartown Ferry Island Queen Many others	Town ramps, Town piers, Sheriff's Dept MEP	
Falmouth Inner Hbr Embayment								
Great Pond Inlet	Great Pond Maravista - Cnm Rvr (GPC)	74	47	Great Harbors Assoc	Town Ramp			
Great Pond Embayment	Great Pond Maravista - (GPM)	320		Falmouthport Assoc	Dexters Mill Prvt Rivers End Prvt			
Perch Pond Embayment		0	18	Perch Pond Assoc				
Green Pond Inlet	Green Pond North of Bridge (GRN)	105	GRN 72	Green Pond YC	State Ramp	Freedom Boat Club Green Pond Marina		
Green Pond Embayment	Green Pond South of Bridge (GRS)	92	GRS 23 1 Town					
Bourne's Pond Approach	Bournes Pond (BP)	18	18					
Bourne's Pond Embayment								
Eel River Approach	Eel River West (ERW)	181	ERW 124	Seacoast Shores Assoc			Washburn Island Access	
Eel River Embayment	Eel River East (ERE)	155	ERE 26	Menahunt YC				
Child's River Embayment	Child's Pond West (EPW)	91	73	Seacoast Shores Assoc	State Ramp	Bosun's Marine		
Seapit River Embayment	Seapit River (SR)	22	14			Atlantic Oysters		
Waquoit Bay Inlet	Waquoit Bay (WB)	237 Fal	11 Fal	Waquoit Bay YC	2 Falmouth- State & Town	Little River Boat Yard	WEBNERR	
Waquoit Bay Embayment		? Mashpee	196 Mashpee		2 Mashpee -State & Town		Washburn Island Access Town of Masphee Access	

Dredging Categories

- Categories of Dredging

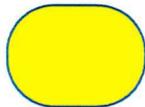
- Approaches



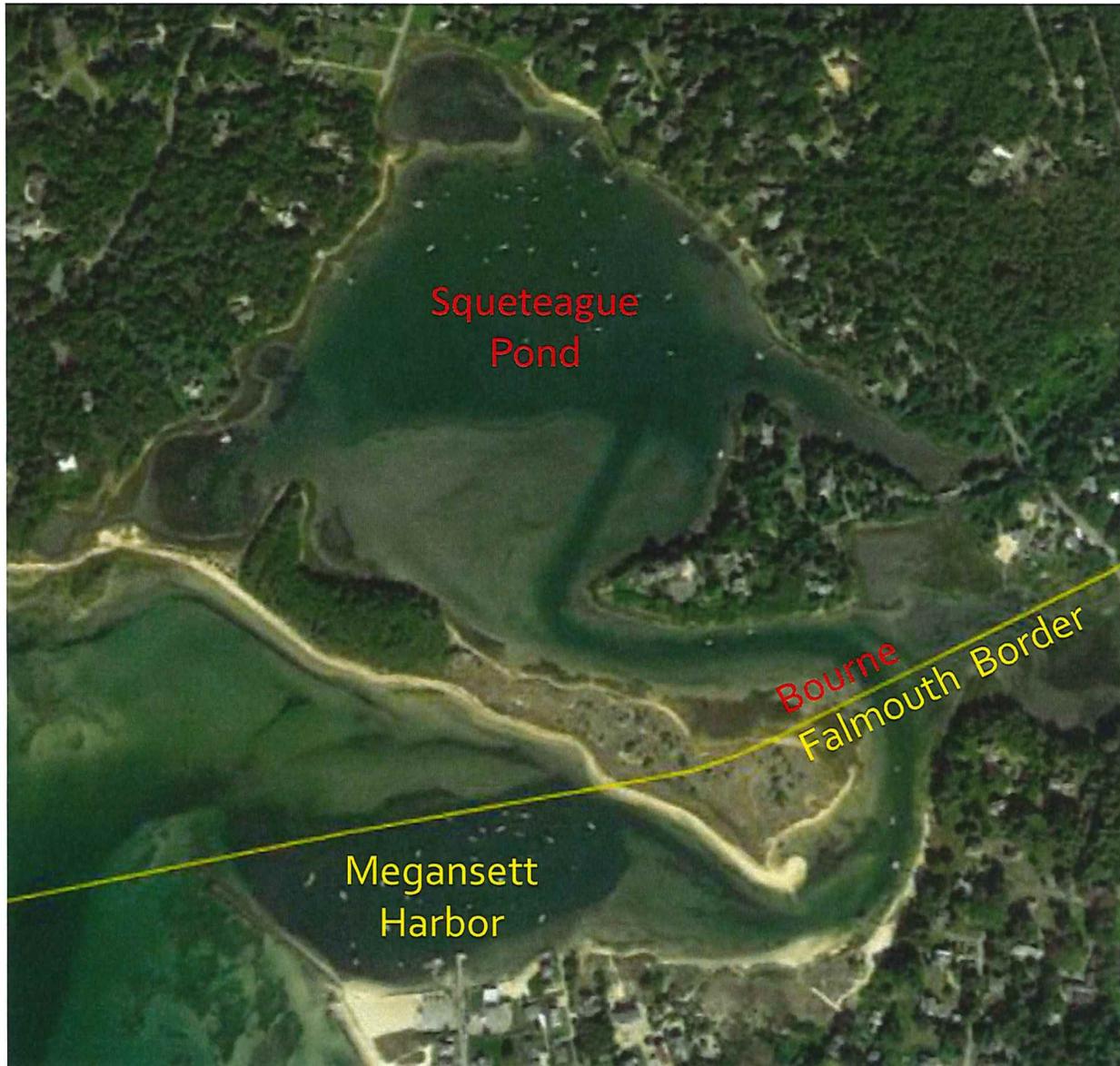
- Inlet



- Embayment



Megansett Harbor



Bourne (Megansett Hbr is their access channel)

Moorings 20+

Docks 12

Boat Ramps
None

Clubs/Associations

Commercial
None

Falmouth

Moorings 168

Docks 2
1 Town

Boat Ramps
1 Town

Clubs/Associations
Megansett Yacht Club

Commercial
None

Rands Canal



Rands Canal

Moorings 15

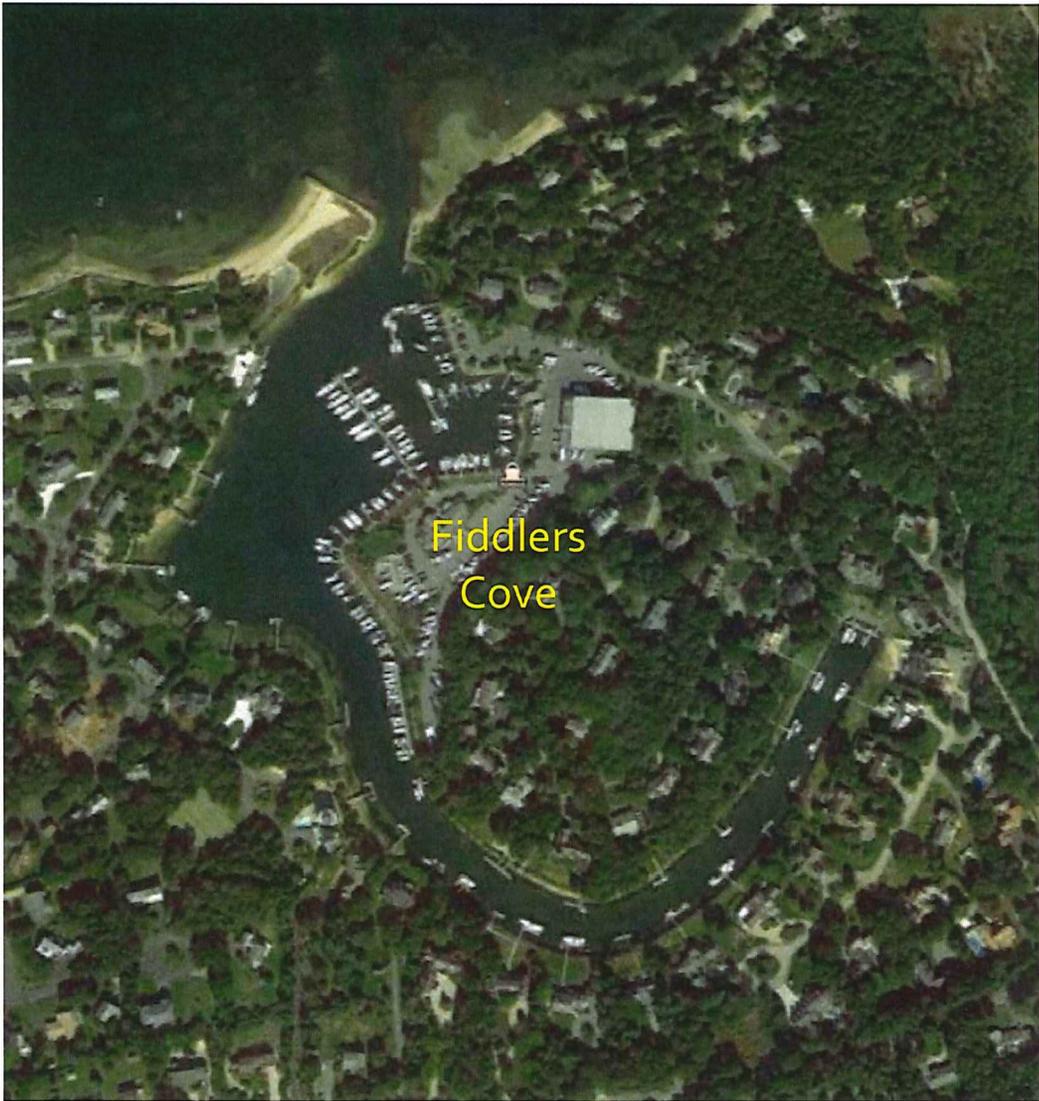
Docks 14

Boat Ramps
None

Clubs/Associations
None

Commercial
None

Fiddlers Cove



<i>Fiddlers Cove</i>	
<u>Moorings</u>	5
<u>Docks</u>	32
<u>Boat Ramps</u>	
1 Seascope Assoc	
<u>Clubs/Associations</u>	
Seascope Assoc	
<u>Commercial</u>	
Safe Harbor Marina	

Wild Harbor



Wild Harbor

Moorings 97

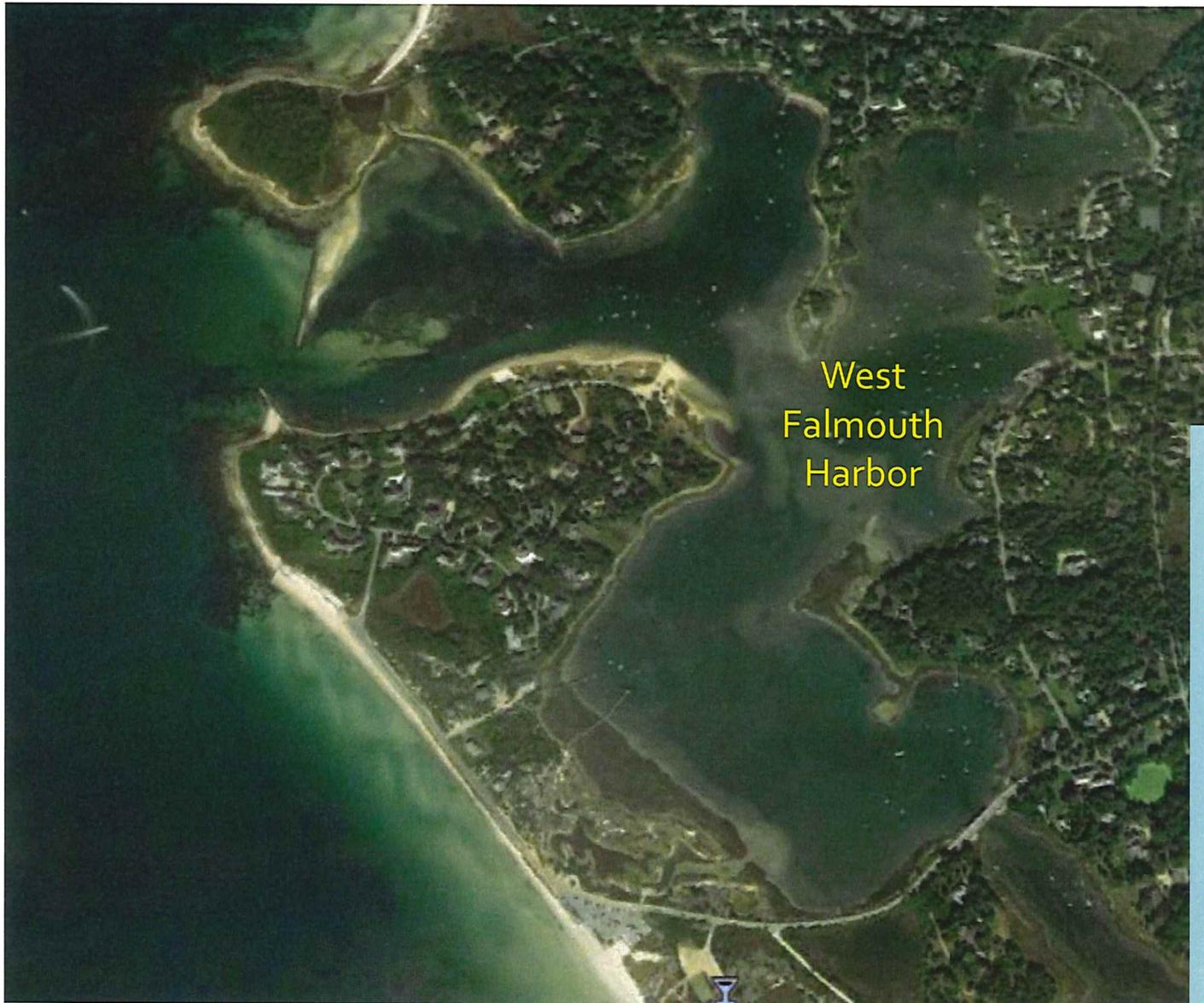
Docks 1
1 Town Pier

Boat Ramps
1 Wild Harbor YC

Clubs/Associations
Wild Harbor Yacht Club

Commercial
None

West Falmouth Harbor



West Falmouth Harbor

Moorings 317

Docks 23
1 Town

Boat Ramps
1 Town

Clubs/Associations
West Falmouth Yacht Club
Chappaquoit Assoc

Commercial
None

Quisset Harbor

Quisset Harbor

Moorings 248

Docks 20

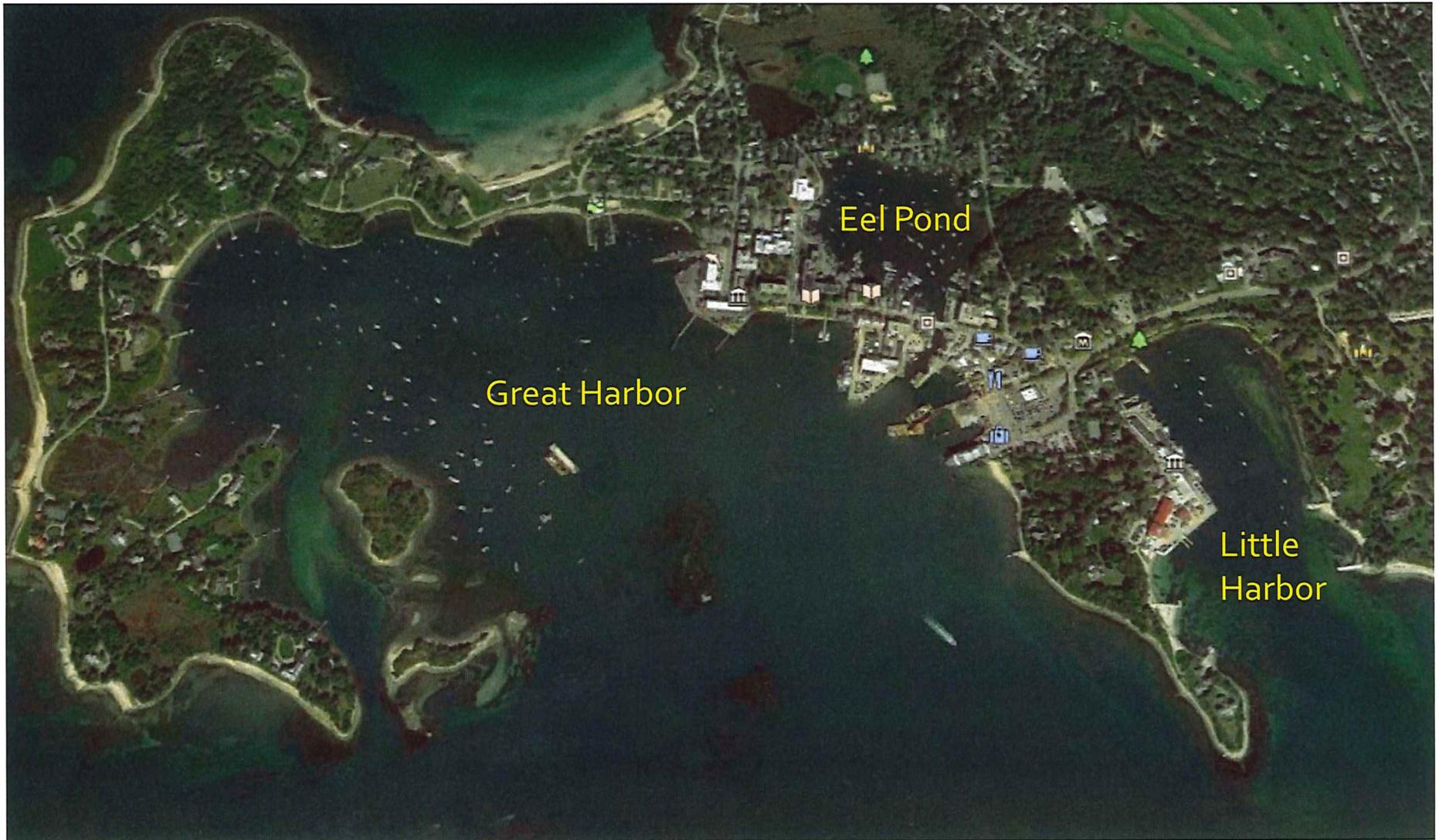
Boat Ramps
None

Clubs/Associations
Quisset Yacht Club
Gansett Assoc

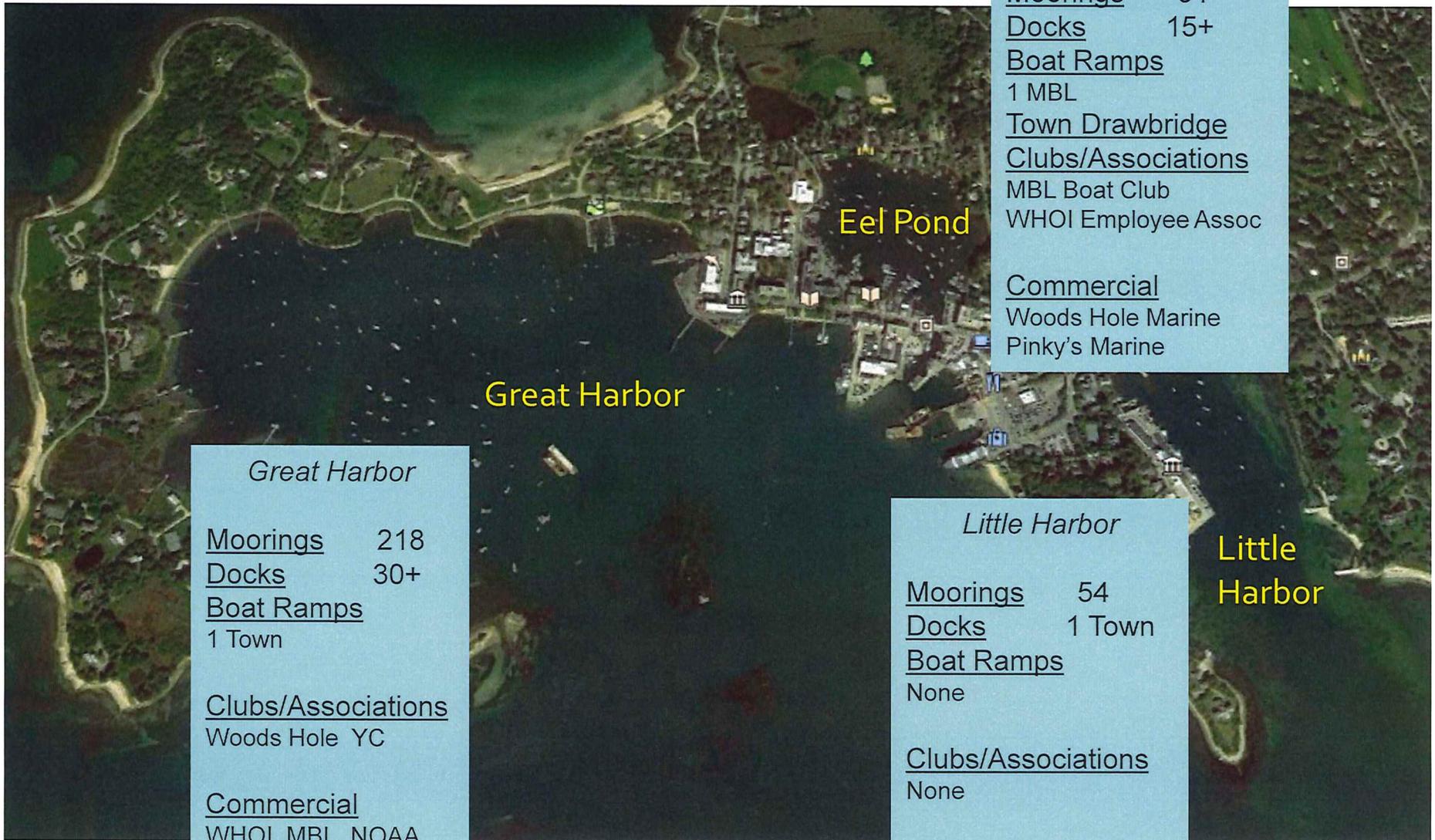
Commercial
Quisset Board Yard



Woods Hole Waterways



Woods Hole Waterways



Great Harbor

Moorings 218
Docks 30+
Boat Ramps
1 Town

Clubs/Associations
Woods Hole YC

Commercial
WHOI, MBL, NOAA,
Steamship Authority
Other ferries

Eel Pond

Moorings 91
Docks 15+
Boat Ramps
1 MBL
Town Drawbridge
Clubs/Associations
MBL Boat Club
WHOI Employee Assoc

Commercial
Woods Hole Marine
Pinky's Marine

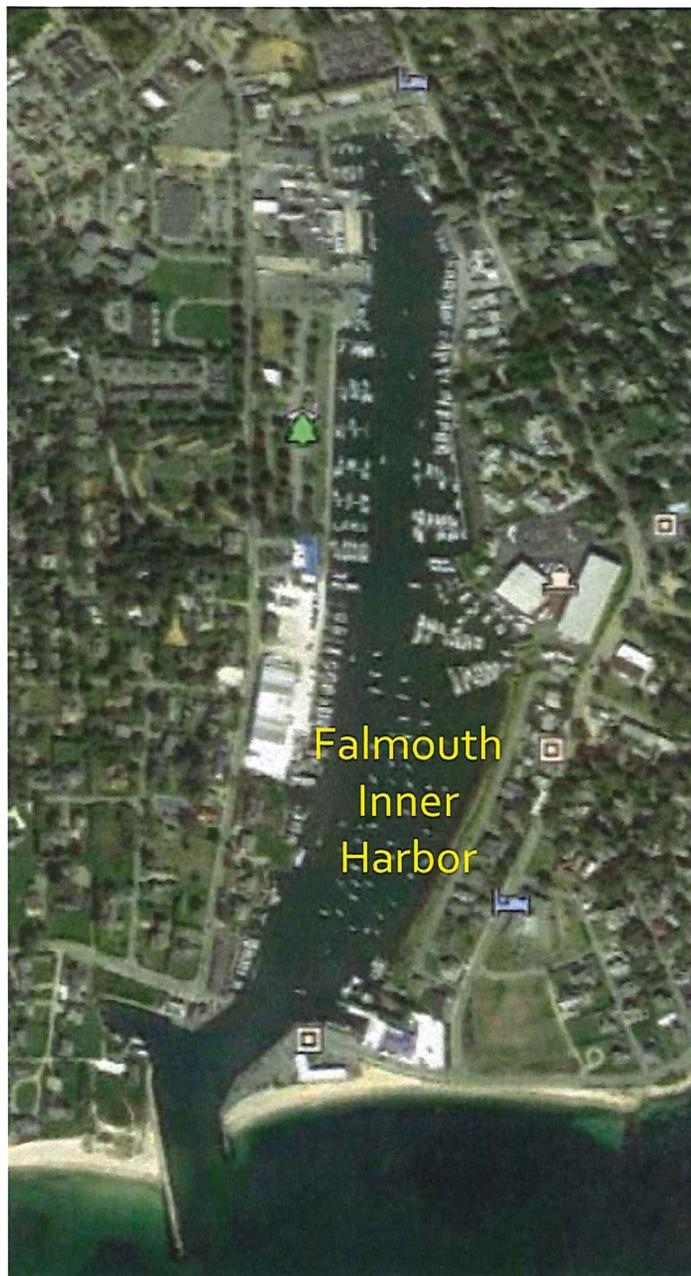
Little Harbor

Moorings 54
Docks 1 Town
Boat Ramps
None

Clubs/Associations
None

Commercial
USCG

Falmouth Inner Harbor



Falmouth Inner Harbor

Moorings 109

Docks Many

Boat Ramps
1 State

Clubs/Associations
Falmouth Yacht Club

Commercial
Pier 37
East Marine
Falmouth Marine
McDougalls
Edgartown Ferry
Island Queen
Many Charters

South Coast Waterways



South Coast Waterways

Perch Pond

Moorings 0

Docks 18

Boat Ramps
None

Clubs/Associations
Perch Pond Homeowners

Commercial
None

Perch
Pond

Green Pond

Moorings 197

Docks 95
1 Town

Boat Ramps
1 State
1 Private

Clubs/Associations
Green Pond YC
Chappaquoit Assoc
Freedom Boat Club

Commercial
Green Pond Marina

Bournes
Pond

Great Pond

Moorings 394

Docks 23

Boat Ramps
1 Town, 2 Private

Clubs/Associations
Great Harbors
Falmouthport

Commercial
None

Great
Pond

Green
Pond

Bournes Pond

Moorings 18

Docks 18

Boat Ramps
None

Clubs/Associations
None

Commercial
None



Waquoit Bay Waterways



Waquoit Bay Waterways

Eel River West & East

Moorings 336

Docks 150

Boat Ramps

1 Town, 2 Private

Clubs/Associations

Seacoast Shores
Menahunt YC

Commercial

State – Washburn Island

Child's River

Moorings 91

Docks 73

Boat Ramps

1 State

Clubs/Associations

Seacoast Shores

Commercial

Bosuns Marine

Seapit River

Moorings 22

Docks 14

Boat Ramps

1 State

Clubs/Associations

Seacoast Shores

Commercial

Atlantic Oysters

Beconsett Island

Mashpee
Waquoit
Waterways

Waquoit Bay

Moorings 237 Falmouth & ?? Mashpee

Docks 11 Fal & 196 Mashpee

Boat Ramps

2 State – Falmouth & Mashpee
2 Town – Falmouth & Mashpee

Clubs/Associations

Waquoit Bay YC

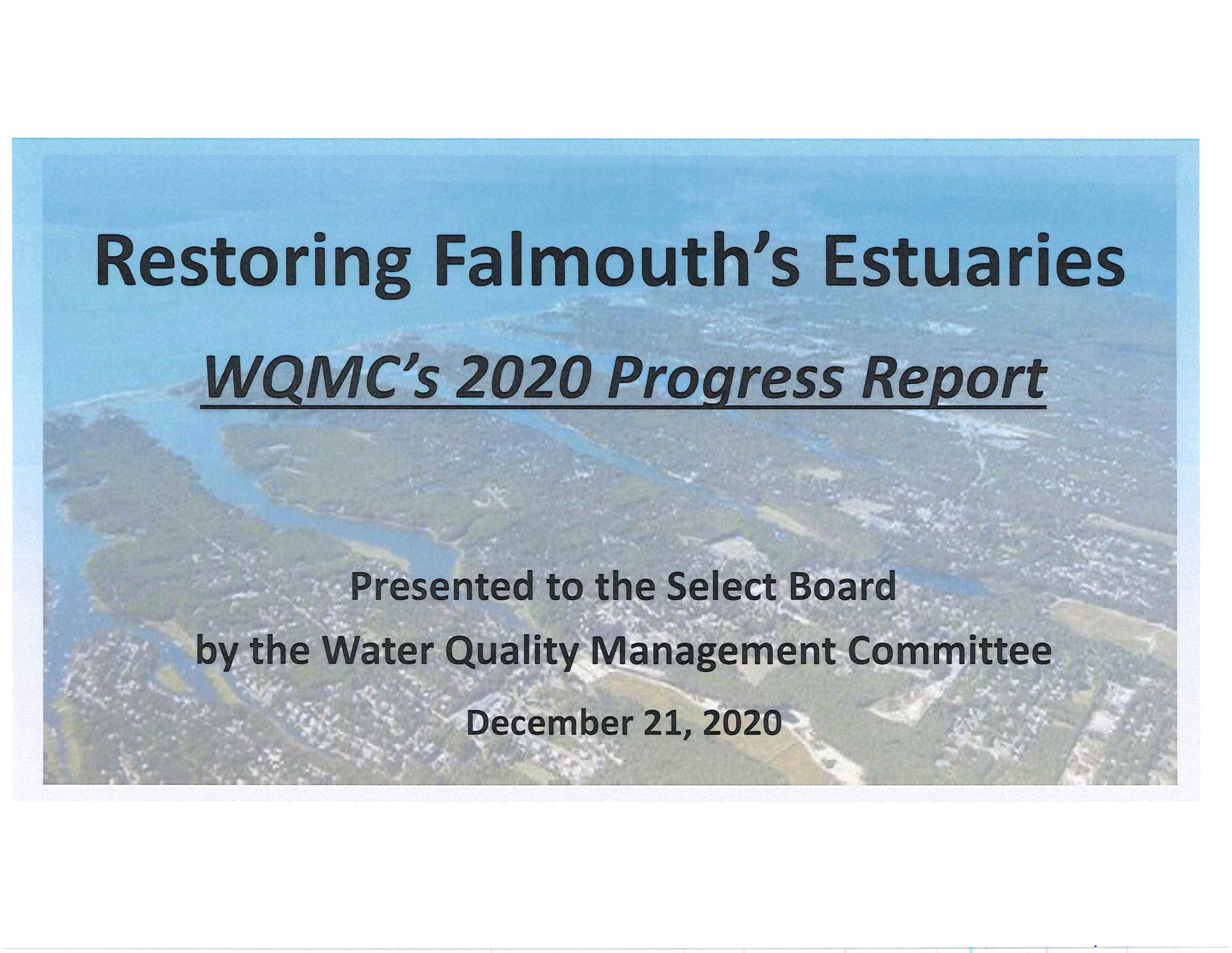
Commercial

Little River Boat Yard Mashpee



BUSINESS

#4 Report – Water Quality Management Committee

An aerial photograph of Falmouth, Massachusetts, showing the town's layout, green spaces, and the surrounding estuarine and coastal areas. The water is a deep blue, and the land is a mix of green and grey. The text is overlaid on this image.

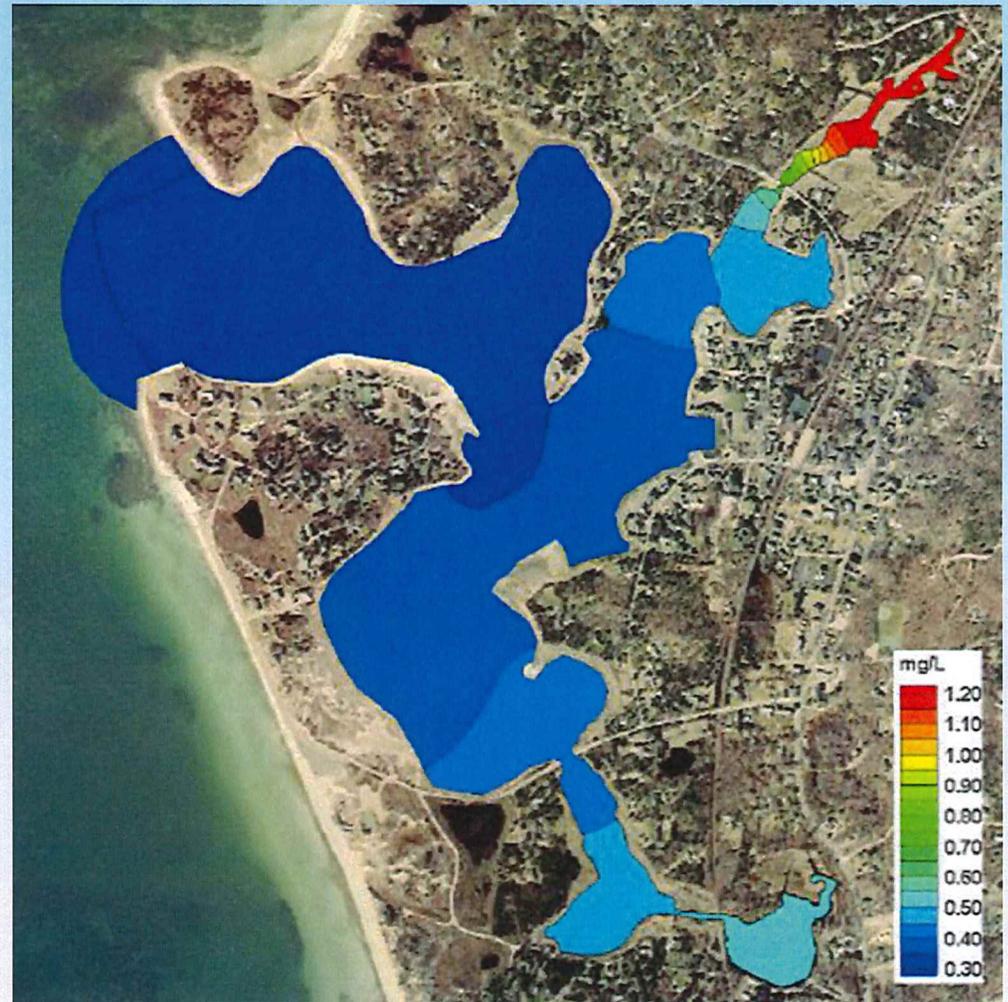
Restoring Falmouth's Estuaries

WQMC's 2020 Progress Report

**Presented to the Select Board
by the Water Quality Management Committee**

December 21, 2020

**Let's start
with some
success stories...**



**Falmouth's South Coast
Comprehensive
Wastewater Management
Plan Update
APPROVED
by MA Secretary of Energy
and Environmental Affairs
on February 7th, 2020.**



Charles D. Baker
GOVERNOR

Karyn E. Polito
LIEUTENANT GOVERNOR

Kathleen A. Theoharides
SECRETARY

The Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs
100 Cambridge Street, Suite 900
Boston, MA 02114

Tel: (617) 626-1000
Fax: (617) 626-1081
<http://www.mass.gov/eea>

February 7, 2020

CERTIFICATE OF THE SECRETARY OF ENERGY AND ENVIRONMENTAL AFFAIRS
ON THE
THIRD NOTICE OF PROJECT CHANGE/COMPREHENSIVE WASTEWATER MANAGEMENT
PLAN UPDATE

PROJECT NAME	: Comprehensive Wastewater Management Plan and Targeted Watershed Management Plan – South Coast Embayments and West Falmouth Harbor
PROJECT MUNICIPALITY	: Falmouth
PROJECT WATERSHED	: Cape Cod
EEA NUMBER	: 14154
PROJECT PROPONENT	: Town of Falmouth
DATE NOTICED IN MONITOR	: December 23, 2019

Pursuant to the Massachusetts Environmental Policy Act (MEPA; M.G. L. c. 30, ss. 61-62I) and Section 11.10 of the MEPA regulations (310 CMR 11.00), I hereby determine that this project change **does not require** the submission of a supplemental Environmental Impact Report (EIR). However, as discussed below, the Town is directed to submit Notices of Project Change (NPC) in 2022 that document the draft and final Targeted Watershed Management Plans (TWMP) for Great Pond and provide additional updates about the Comprehensive Wastewater Management Plan (CWMP).

Original Project and Procedural History

The Town of Falmouth (Town) developed a CWMP in 2014 in anticipation of the adoption of Total Maximum Daily Loads (TMDL) by the Massachusetts Department of Environmental Protection (MassDEP) and the United States Environmental Protection Agency (EPA) pursuant to the federal Clean Water Act. Poor water quality, including high nitrogen loads, were documented by the Massachusetts Estuaries Project (MEP) for the following estuaries: Little Pond, Great Pond, Green Pond, Bourmes

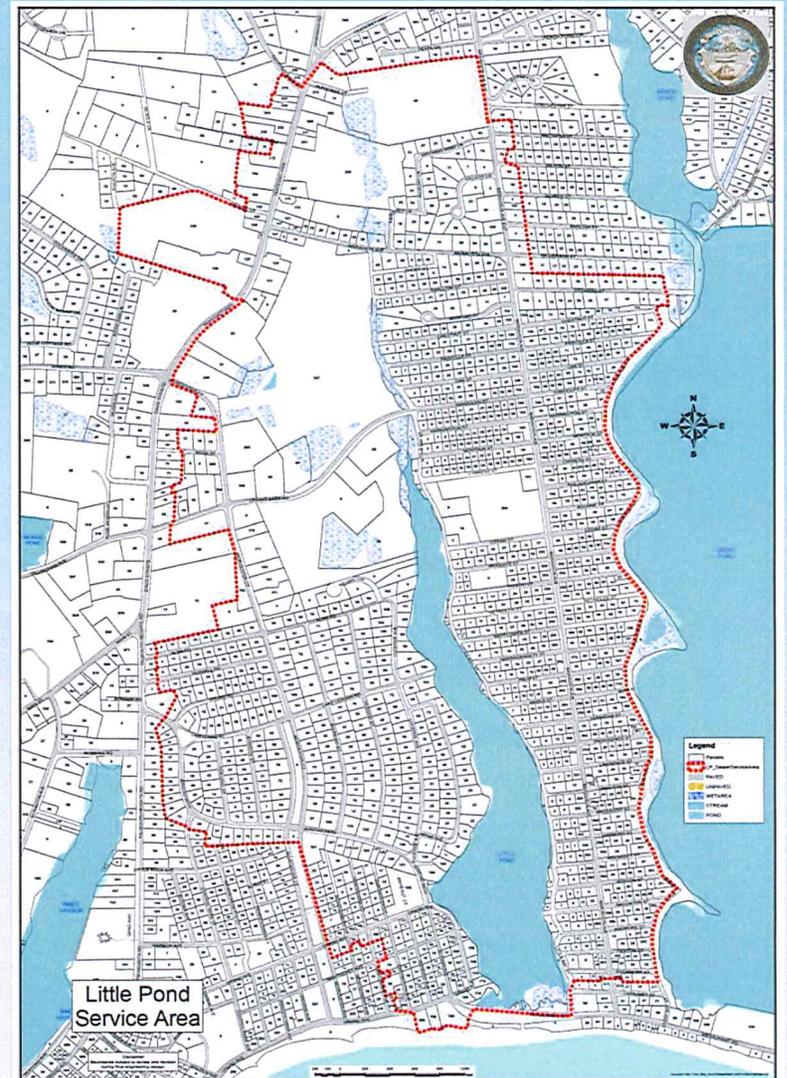
**West Falmouth Harbor can meet its
Total Maximum Daily Load (TMDL) target
for N reduction without sewerage**



Photo courtesy of Dave at Maine Imaging

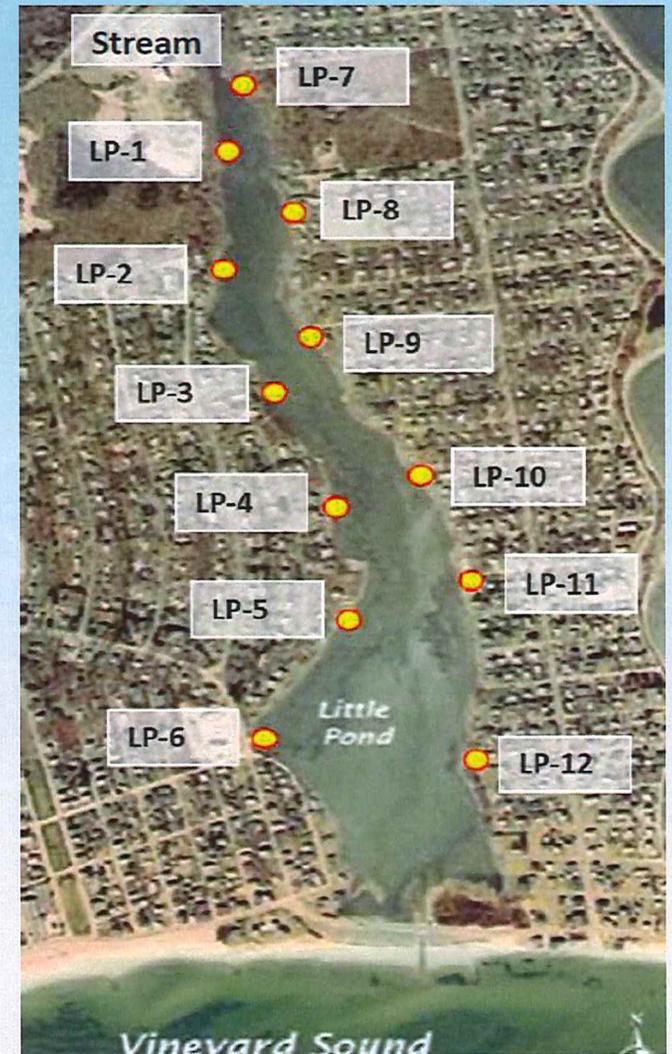
Little Pond Sewer Area:

- Project completed 2020
- 1,350 parcels connected
- On time & under budget
- Affordable betterments



Sewering will remove 88% of the target N from Little Pond.

The U.S. Geological Survey, Marine Biological Laboratory, and UMass Dartmouth School of Marine Science and Technology are all monitoring the results.



Bournes Pond Inlet Widening:

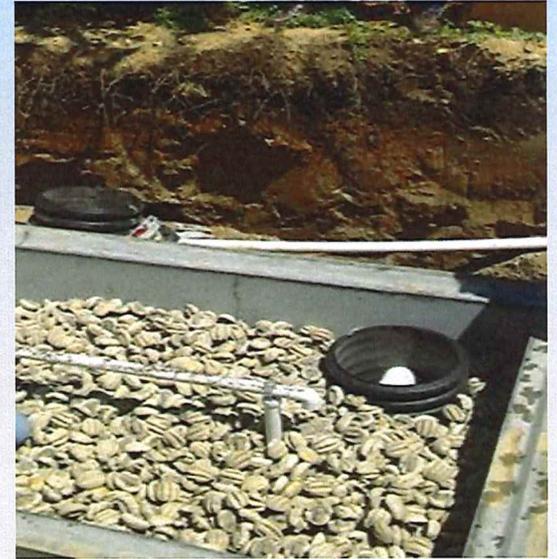
Design, State and Federal permitting are completed
Project will be combined with Menauhant road/beach
Planned construction projected for 2021



I/A Nitrogen Reducing Septic Systems:

Town won EPA grant (\$730,000) and County grant (\$75,000)

Falmouth installed 30 systems in West Falmouth
With our partners, the Buzzards Bay Coalition



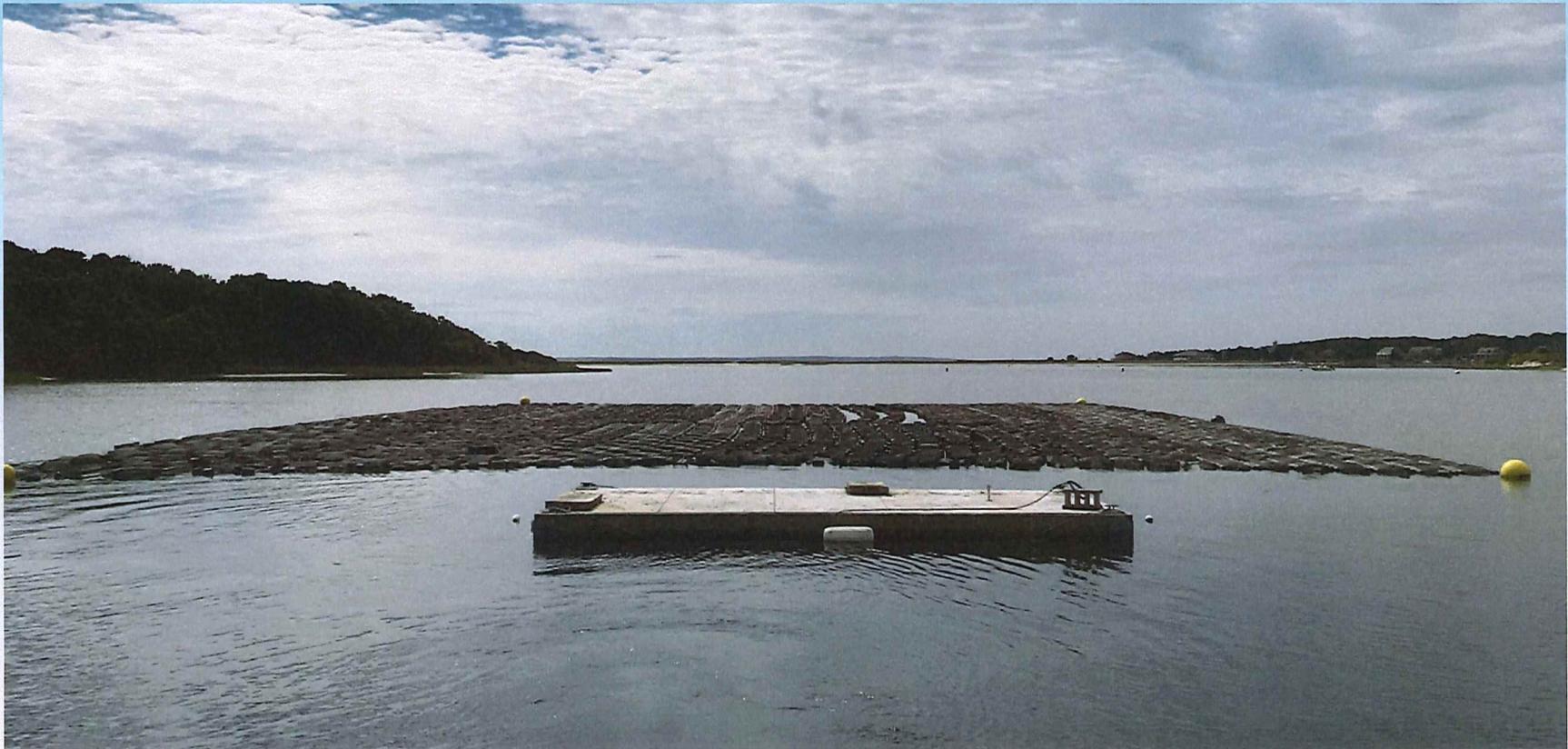
Permeable Reactive Barrier (PRB):

Demonstration project installed near Great Pond
WHOI partnered with Town - EPA grant (\$298,000)



Eel River Shellfish Demonstration Project:

WQMC & MES partnered with local oyster growers



Coonamessett River Restoration:

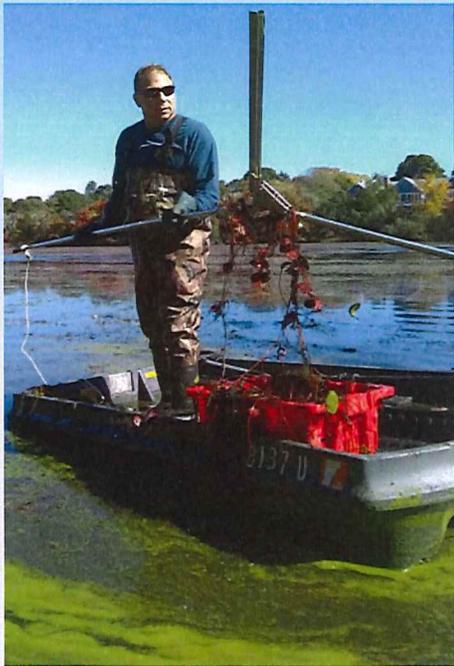
WQMC partnered with the Woodwell Climate Research Center and the USDA

Does river restoration help with nitrogen reduction?



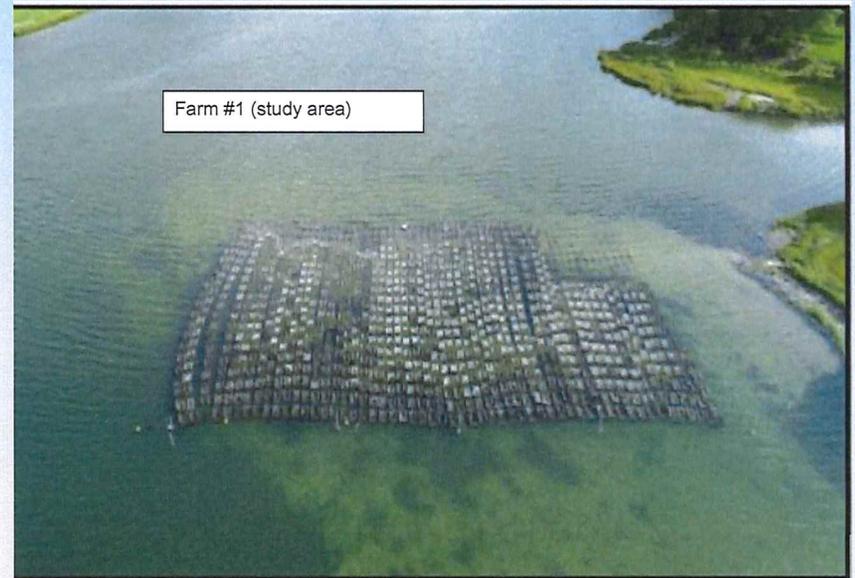
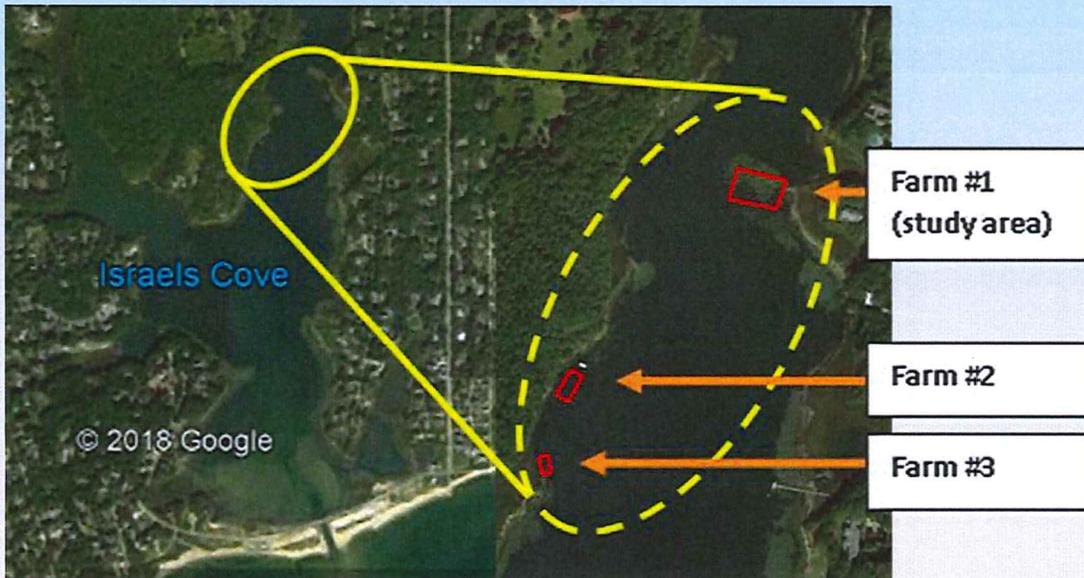
Mill Pond Restoration Project:

**SMAST recommends aeration, harvesting, detention pond.
WQMC partnered with East Falmouth Village Association**



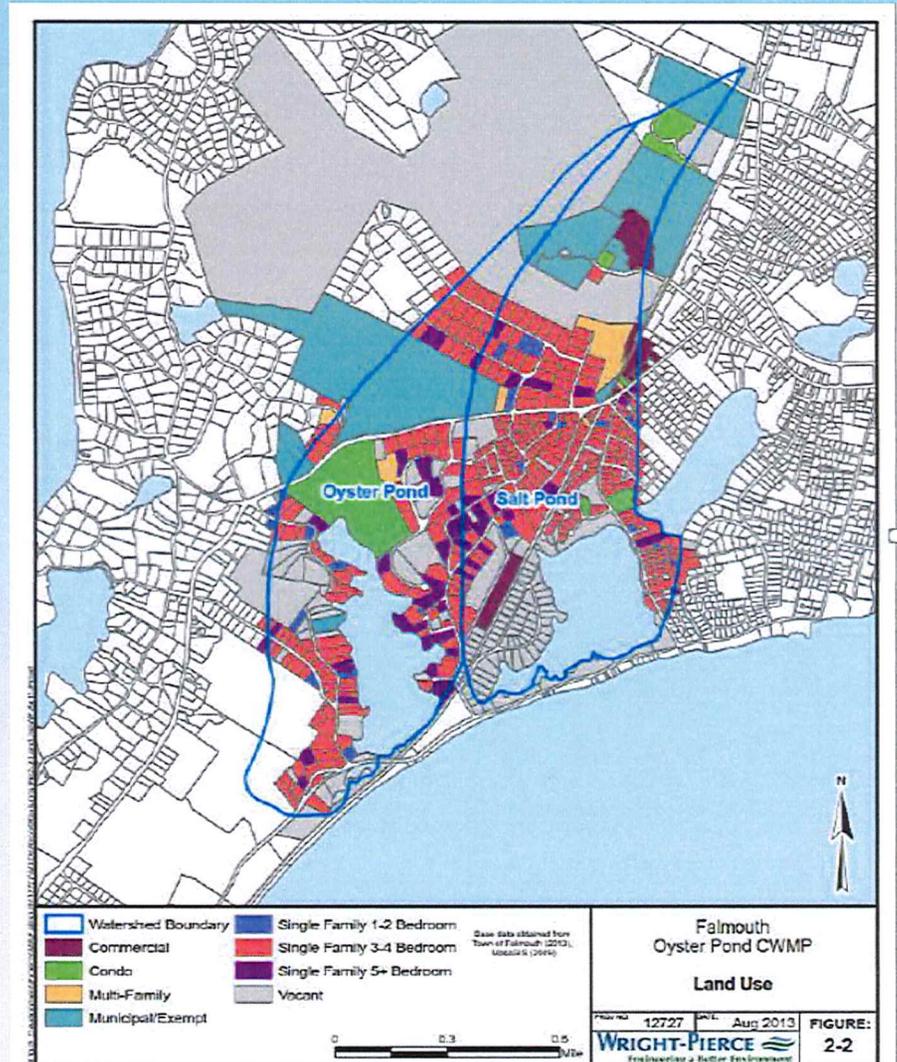
Bournes Pond Aquaculture Demonstration Project:

Study highlighted the importance of site selection and optimizing oyster density for nitrogen removal

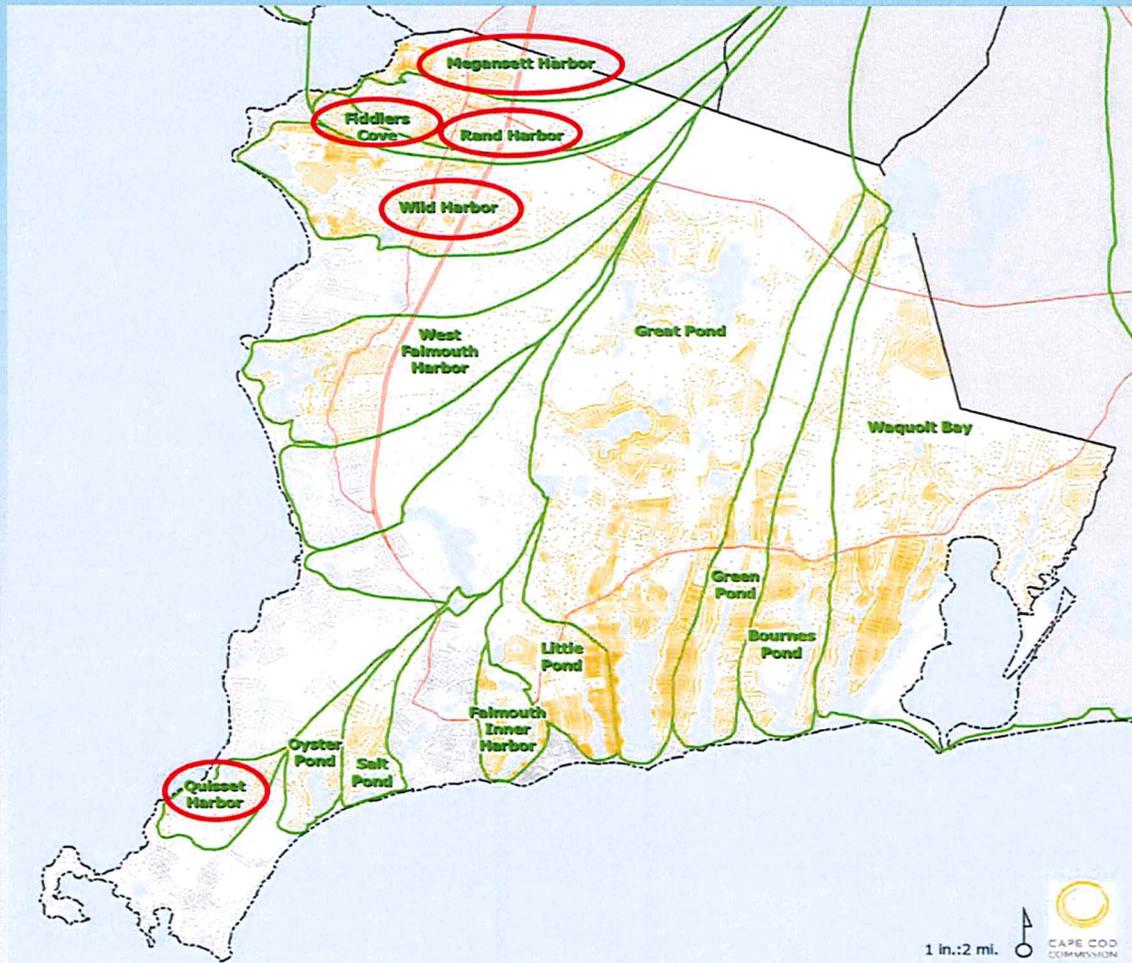


Oyster Pond Draft Management Plan/CWMP:

*An evaluation of the
feasibility of a
neighborhood low-pressure
sewer collection system
versus using
innovative/alternative
septic systems*



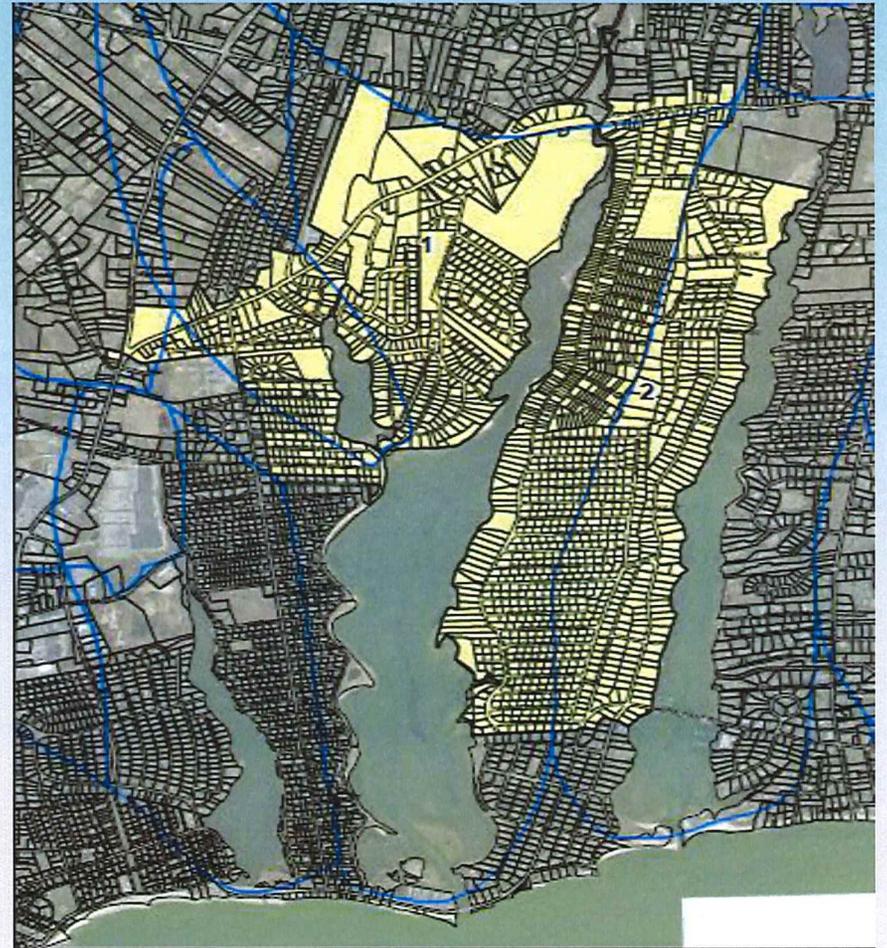
Buzzards Bay Coast Estuaries Scenarios Review



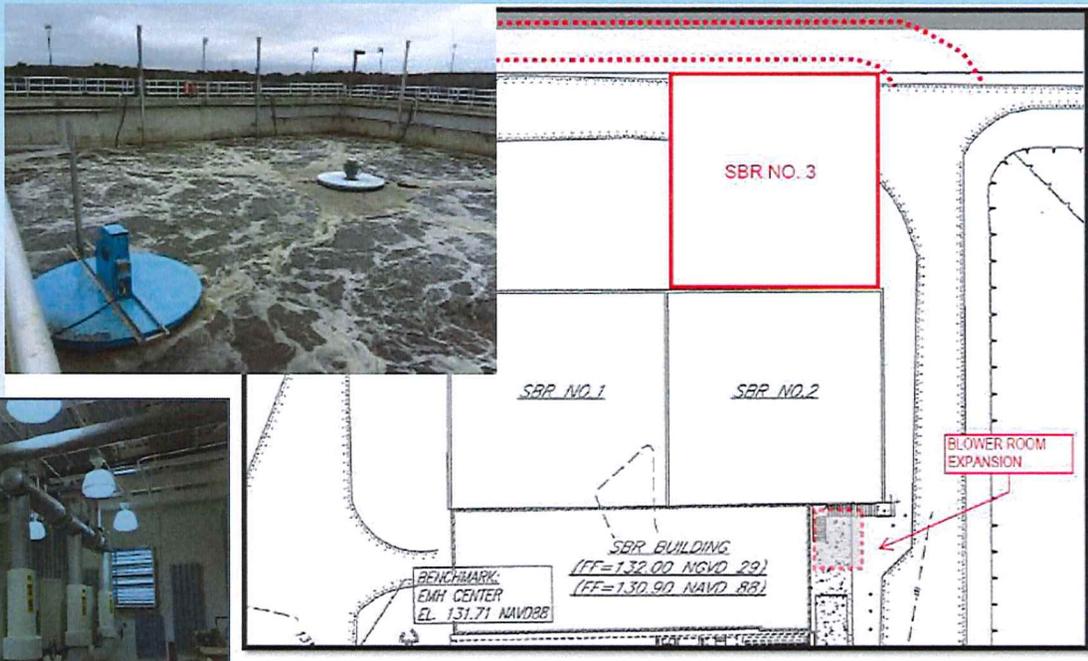
The Next Planned Phase of Falmouth Sewering:

Teaticket/Acapesket Sewer Service Area serves Great Pond watershed.

Area #1 (Teaticket) construction projected for 2026. Planning is currently underway.



A System Necessity: Treatment Plant Upgrades



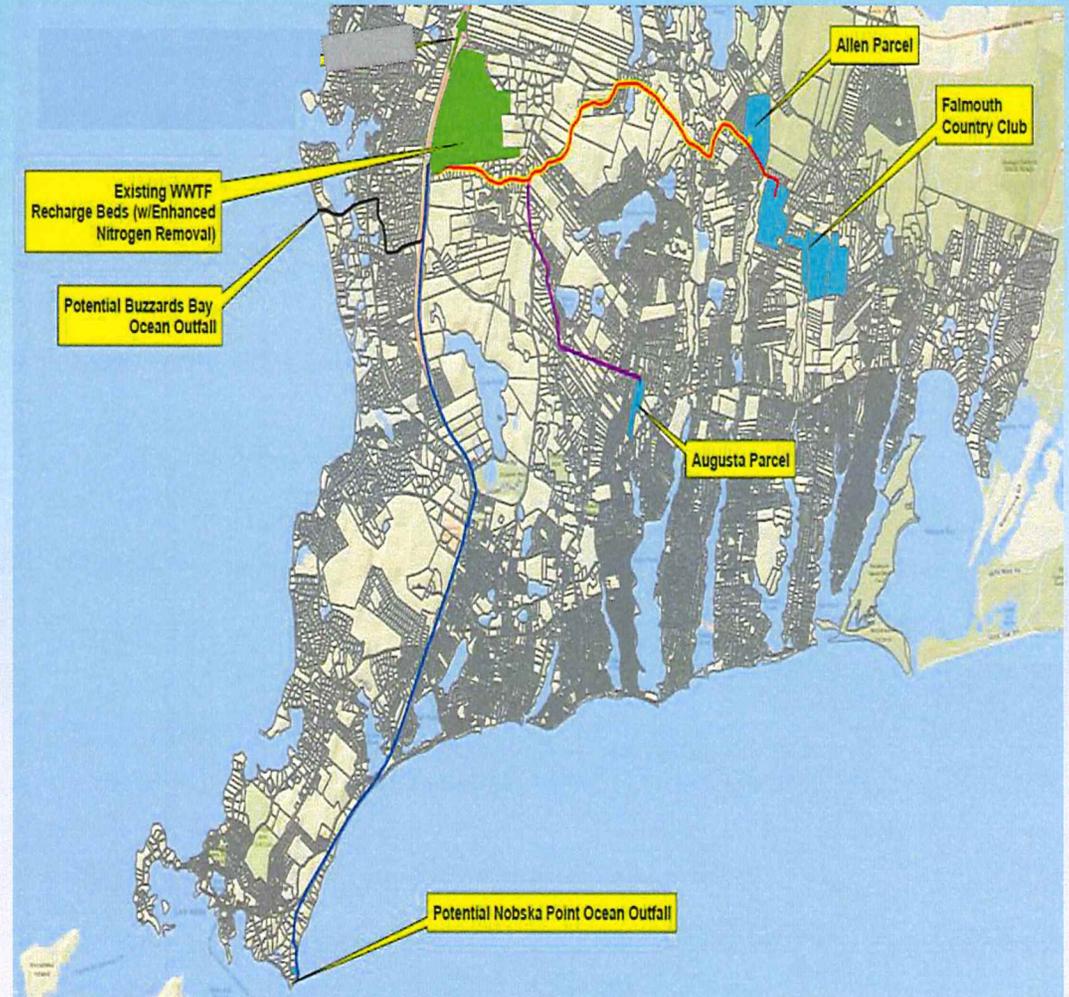
Low-pressure Pumps (“grinder pumps”) Review:

WQMC studied initial and ongoing costs, issues
Compared 8 towns - most chose Falmouth model



Discharge Sites:

For any future sewer projects – where will the tertiary treated effluent be discharged?



Regional Progress:
***Cape Cod and Islands
water protection
legislation provides
\$\$ grants to towns
for wastewater
infrastructure projects.***

REGULATIONS OF THE

CAPE COD AND ISLANDS WATER PROTECTION FUND
MANAGEMENT BOARD

Adopted October 7, 2020

1.0 **Introduction and Purpose.**

The Cape Cod and Islands Water Protection Fund Management Board adopts these regulations pursuant to its authority under M.G.L. c. 29C, §§ 19 and 20. The Board¹ was established by the Enabling Act, which added two sections – §§ 19 and 20 – to M.G.L. c. 29C. The Enabling Act creates the Water Protection Fund and makes the Board responsible for determining the method for allocating subsidies from the fund, including, but not limited to, an equitable distribution among participating municipalities consistent with revenue deposited from each municipality into the fund. The Board also is responsible for ensuring that the Water Protection Fund is spent only for the purposes set forth in M.G.L. c. 29C, § 19.

The Board's regulations govern the manner in which the Board awards a subsidy to a water pollution abatement project, as defined in M.G.L. c. 29C and the Department of Environmental Protection's regulation at 310 CMR 44.03. The Board's regulations are to be construed and applied in conjunction with the Clean Water State Revolving Fund (SRF) Program established by M.G.L. c. 29C and 310 CMR 44.00 (DEP Selection, Approval and Regulation of Water Pollution Abatement Projects Receiving Financing Assistance from the State Revolving Fund).

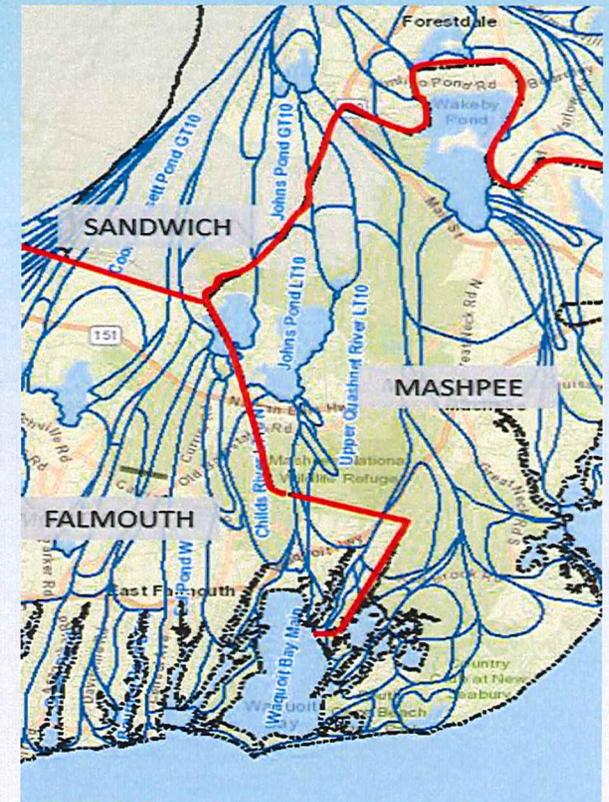
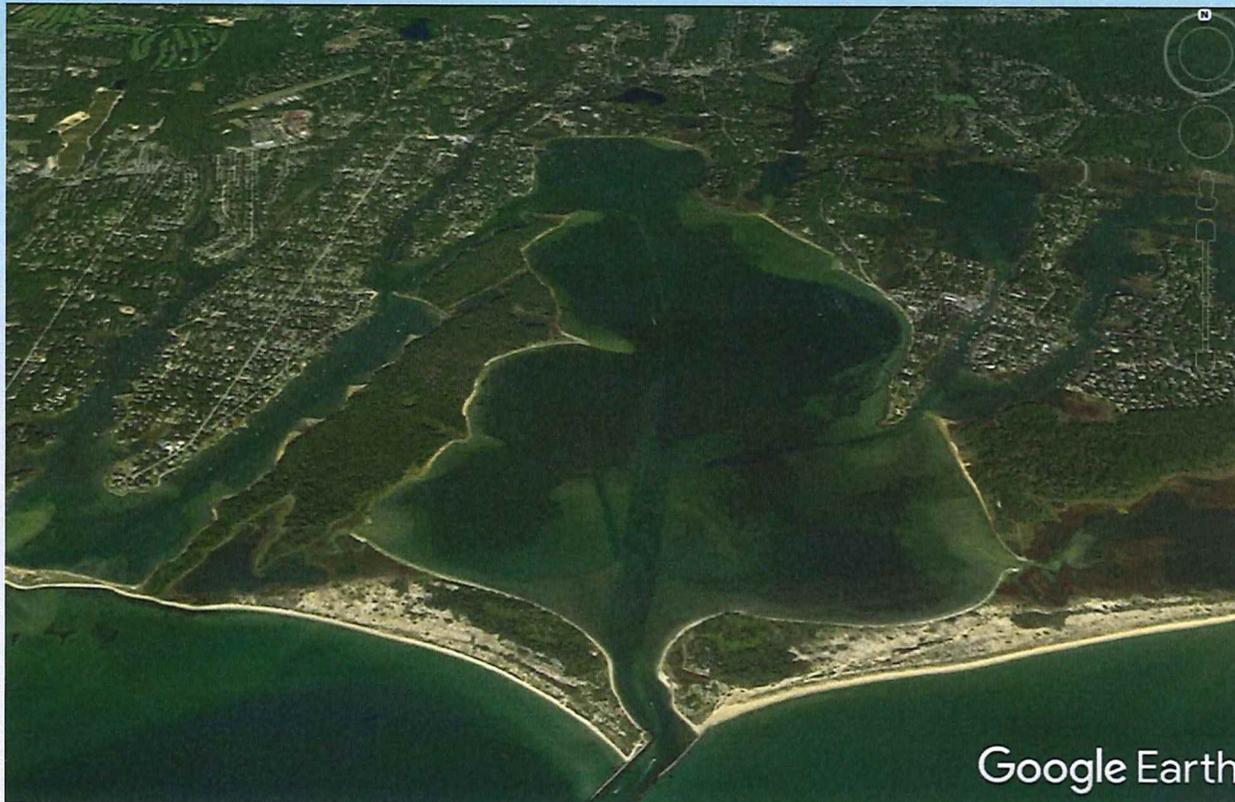
The Board can only use the Water Protection Fund to award subsidies to Participating Local Government Units, *i.e.*, Local Government Units who are members of the Water Protection Fund under the Enabling Act. These subsidies are in addition to, not in place of, any financial assistance awarded under the SRF Program. The Water Protection Fund can be expended only with the Board's approval and only for projects that have obtained all other approvals required by M.G.L. c. 29C.

A broad array of projects are eligible for financing under the SRF Program and thus for subsidies from the Water Protection Fund. These projects include, but are not limited to, the use of innovative strategies and alternative septic system technologies, the completion and update of water quality and wastewater management plans, the construction of sewer collection systems and wastewater treatment plants, and the implementation of drainage improvements and water

¹ Capitalized terms in Section 1.0 (Introduction and Purposes) have the meaning set forth in Section 2.0 (Definitions).

Regional Progress:

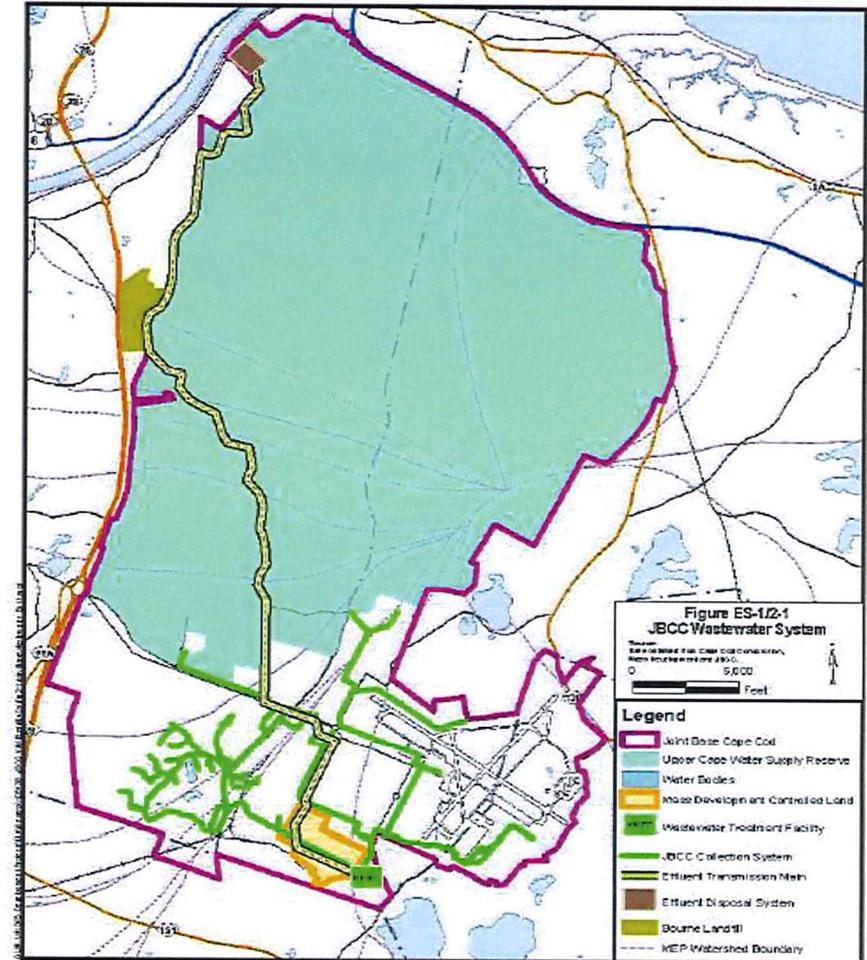
Waquoit Bay shared N allocation study completed

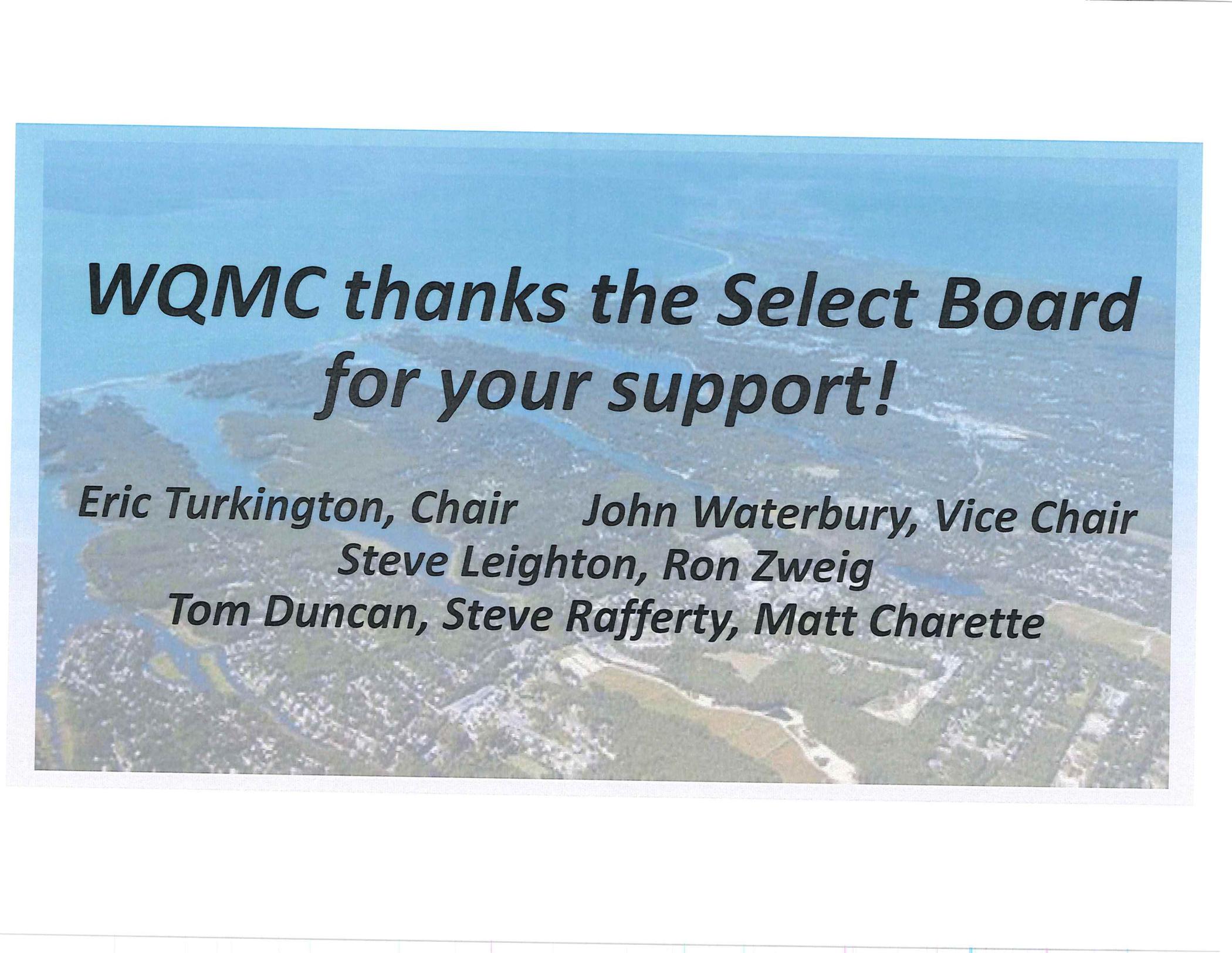


Regional Progress:

Falmouth, Mashpee, Sandwich, Barnstable, Bourne, Joint Base Cape Cod discuss possible future use of JBCC infrastructure.

FIGURE ES-1
JBCC WASTEWATER SYSTEM



An aerial photograph of a coastal town, likely Waterbury, Vermont, showing a river with waterfalls and surrounding greenery. The image is used as a background for the text.

***WQMC thanks the Select Board
for your support!***

***Eric Turkington, Chair John Waterbury, Vice Chair
Steve Leighton, Ron Zweig
Tom Duncan, Steve Rafferty, Matt Charette***

BUSINESS

#5 Update – Complete Streets Prioritization Plan – James McLoughlin,
Town Engineer; Cape Cod Commission



CAPE COD
COMMISSION

Falmouth Complete Streets

Prioritization Plan Development

Board of Selectman Meeting | December 21, 2020



Complete Streets Project Team



Peter
McConarty
DPW Director

James
McLaughlin
Town Engineer

Thomas
Bott
Town Planner



Steven Tupper
Transportation
Program Manager

Colleen Medeiros
Transportation
Engineer

What is a Complete Street?

Complete Streets Defined:

A Complete Street is one that provides safe and accessible options for all travel modes – walking, biking, transit and vehicles – for people of all ages and abilities. Complete Streets improvements may be large scale, such as corridor-wide improvements, or focused on the needs of a single mode.



Benefits of Complete Streets



Improved
Health



Crash
Reduction



Vulnerable
Population

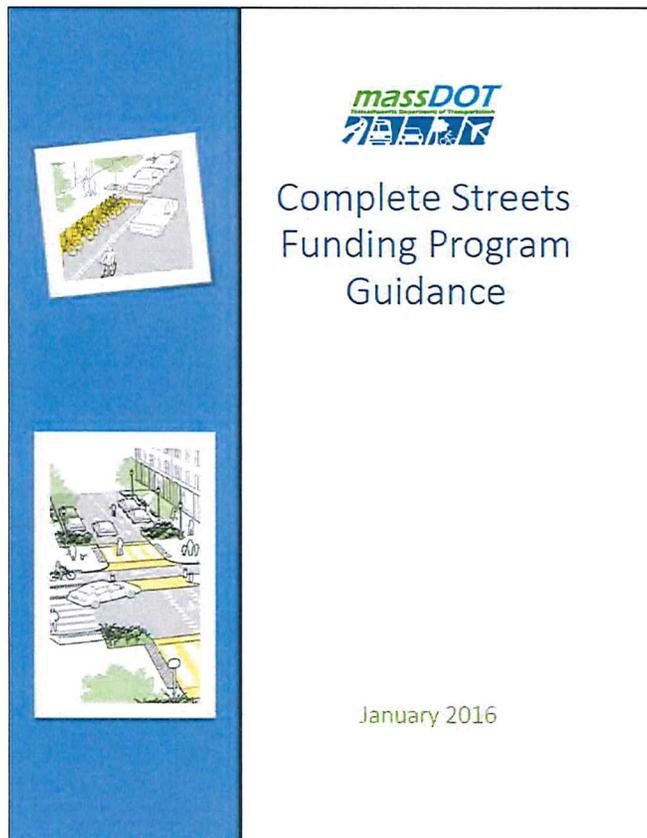


Economic



Environmental

MassDOT Complete Streets Funding Program



- Tier 1: Training and Complete Streets Policy Development (Approved May' 19)
- **Tier 2: Prioritization Plan Development** (technical assistance grant)
- Tier 3: Project Funding for Construction (Up to \$400,000 in grants available per town)

Complete Streets Prioritization Plan



- State Highways (Route 28, Route 28A, etc.) are not eligible for MassDOT Complete Streets Funding Program, but can be included in the plan
- Plan can be based off of the Town's CIP, LCP, ADA plan, Bike Plan, RSAs, etc.
- Plan will include a public outreach element
- Plan will identify project details: readiness, project cost, benefits
- Plan will prioritize projects based on a set of evaluation criteria
- Plan should be regularly updated

Prioritization Plan Process

- Existing Conditions Review
- Brainstorming Session
- Draft list of projects
- Discuss with Town staff
- Draft prioritization list
- Presentation of draft prioritization list
- Town submits final prioritization list with report



Type of Complete Streets Projects



PEDESTRIAN

Sidewalks
Crosswalks
Curb Ramps
Lighting



BICYCLE

Multi-Use Path
Bike Lanes
Shoulders
Warning Beacon



TRANSIT

Transit Stop
Lighting
Access



VEHICLE

Traffic Signal
Roundabout
Speed Bump
Turn Lane
Shoulder
Speed Signs

Type of Complete Streets Projects



SHORT TERM/LOW COST

Signage
Wider Shoulders
Warning Beacon
Crosswalks & Ramps
Bike Racks/Fix-it Stations



LONG TERM/HIGH COST

Multi-Use Paths
Sidewalks
Lighting
Road Widening (Bike Lanes)
Intersection Improvements



Public Outreach and Town Coordination

- Two Virtual Public Meetings (2)
 - Listening Session – Identify Projects
 - Public Review of Prioritization Plan
- Web-based Public Input Tool
- Project Website (CCC webpage)
 - Relevant Studies
 - Public meetings and materials
 - Web-based Public Input Tool
- Board of Selectman meeting updates (2)
- Internal Town/CCC coordination meetings



Project Schedule

Tasks	Fall 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	June 2021
Task 1: Project Initiation	◆						
Task 1a: Data Collection/Mapping							
Task 1b: On-Site Reconnaissance							
Task 2: Listening Session		◆ ◆					
Task 3: Identification of Potential Complete Streets Projects							
Task 4: Technical Review				◆			
Task 5: Public Review of Potential Complete Streets Project List					◆		
Task 6: Final Report and Prioritization Plan, MassDOT Review & Revisions as Needed						◆	

- ◆ - Coordination meeting with Town staff
- ◆ - Public meeting



Falmouth Complete Streets Public Meeting #1

Wednesday, January 13, 2021 @ 6PM

- Virtual Format (Zoom)
- Seeking public input on need and locations for future pedestrian & bicycle projects
- Web-based Public Comment Tool
- Public Comment Period: Jan 13 – Jan 31
- Meeting materials will be posted to the project website:

www.capecodcommission.org/falmouthcompletestreets



THANK YOU

Colleen Medeiros, P.E.

Transportation Engineer

colleen.medeiros@capecodcommission.org

508-774-1226

BUSINESS

#6 Presentation and Vote: Green Communities Act Energy Reduction Plan

To Select Board:

Recommended Motion: I move that the Board adopt the Energy Reduction Plan as submitted and authorize the Chair to send a letter to the MA Department of Energy Resources to affirm this action.

Town of Falmouth
December 21, 2020

Margaret Song
Cape Light Compact,
DOER Technical
Assistance Grant

Green Communities Designation

Green Communities Designation Overview



MEET 5 CRITERION



DUE DECEMBER 30,
2020



INITIAL GRANT OF \$190K AND
FUTURE COMPETITIVE ROUNDS
FOR ENERGY REDUCTIONS

Criterion for Green Communities

- ☑ As of Right Siting
- ☑ Expedited Permitting
- ☑ Vehicle Policy
- ☑ Stretch Code
- Energy Reduction Plan –
Tonight's Vote

Energy Reduction Plan



Living document



Identify baseline year usage



Goal to save 20%
(5% can be behavioral)



No penalty for not reaching goals

Baseline Year: FY2018

**MMBtu Used in
Baseline Year**

**% of Total MMBtu
Baseline Energy
Consumption**

Building	72,548	65%
Vehicles	24,144	22%
Street/Traffic Lights	1,292	1%
Water/Sewer/Pumping	13,512	12%
Open Space*	151	0%
Total	111,647	100%

Baseline by Category for FY 2018

Category	Complete	Planned	Total
Behavioral		6.50%	6.50%
Building Control	0.15%	3.63%	3.78%
Exterior Lighting	0.01%		0.01%
Hot Water	0.01%	0.50%	0.51%
HVAC	3.11%	2.16%	5.27%
Interior Lighting	1.66%	1.44%	3.10%
Pump/Motor/Drive	0.14%	0.52%	0.66%
Refrigeration		0.03%	0.03%
Vehicles	0.36%	0.55%	0.91%
Weatherization	0.02%	0.18%	0.20%
TOTAL	5.46%	14.22%	19.68%

Completed and Planned Savings

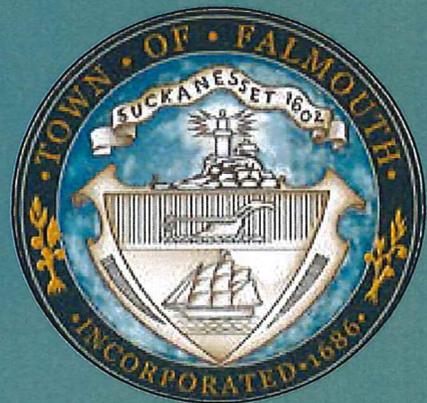
Questions?

Request: Vote
to adopt
Energy
Reduction Plan

Next Steps

Energy Reduction Plan

TOWN OF FALMOUTH



Massachusetts Green Communities Grant Program
Criterion 3
DECEMBER 30, 2020

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Purpose and Acknowledgements

Letters Verifying Adoption of the ERP

{letters from Select Board and Superintendent inserted here after adoption}

List of Contributors that Participated in the Baseline and ERP Process

- Megan Amsler, Chair, Energy Committee
- Alex Bocconcelli, Energy Committee
- Robert Boettger, Energy Committee
- Thomas Bott, Town Planner
- Rosemary Dreger Carey, Energy Committee
- John Checklick, Energy Committee
- Michael Duffany, Volunteer
- Paul Gentile, Energy Coordinator
- Joe Hackler, Energy Committee
- Dave Jewett, Energy Committee
- Peter Johnson-Staub, Assistant Town Manager
- Sia Karplus*, Energy Committee
- Dick Koehler, Energy Committee
- Eleanor Ling, Energy Committee
- Peter M. McConarty, Director of Public Works
- Kirstin Moritz, Energy Committee
- Joan Muller, Energy Committee
- Megan O'Reilly-Lyman, Energy Committee
- Matt Patrick, Energy Committee
- Charles Rader, Volunteer
- Paul Raymer, Energy Committee
- Christina Rawley*, Energy Committee
- School Committee
- Select Board
- Margaret Song, Energy Committee
- Julian Suso, Town Manager
- Grant Walker, Volunteer

*These amazing women have passed away.

Executive Summary

Narrative Summary of the Town

Falmouth is located in Southeastern Massachusetts on Cape Cod in Barnstable County with a year-round population estimated at 30,993 people, according to the U.S. Census Bureau on July 1, 2019. The seasonal population can grow to more than 105,000 people.

Falmouth covers 54.4 square miles and ranks as the second largest town on Cape Cod and the 17th largest town in Massachusetts. It is rich in history and was the hometown of Katherine Lee Bates. Bordered by ocean bays on its west- and south-facing coasts, there are 10.3 square miles of harbors, saltwater inlets and freshwater ponds.

Falmouth was first settled by English colonists in 1660 and was officially incorporated in 1686. Bartholomew Gosnold named the settlement for Falmouth, Cornwall, England, which was his home port. The town saw brief action in the War of 1812, when the area around Falmouth Heights was bombarded by several British frigates. After the improvement in highways and the heavy use of neighboring Otis Air National Guard Base during World War II, population growth increased. Large homebuilding booms occurred in the 1970s, 80s and 90s.

The Town of Falmouth has seven historical districts, including one of the world's premiere scientific communities, Woods Hole. Four of the historic districts are on the National Register of Historic Places. The Woods Hole, Martha's Vineyard and Nantucket Steamship Authority calls Falmouth home. The daily ferry service brings visitors, residents and goods from Woods Hole to Nantucket and Martha's Vineyard and is the main ferry line between the Vineyard and mainland.

Falmouth's public school system serves around 4,500 students annually. There are four schools in the public system: East Falmouth, Mullen-Hall, North Falmouth, and Teaticket, which serve the elementary school population, from pre-kindergarten to fourth grade. The Morse Pond Middle School serves grades five and six, while the Lawrence Junior High School serves grades seven and eight. Falmouth High School covers grades 9-12.

For the biking enthusiasts, the town features the "Shining Sea Bikeway", a 10.7 mile paved pathway that weaves through four of Falmouth's eight villages from Woods Hole, on Vineyard Sound, through salt marshes, wooded uplands, a cranberry bog and through a historic farmstead into North Falmouth.

Sources: <https://www.falmouthedic.org/demographics> and <https://www.capecod.com/about-cape-cod/falmouth/>

Summary of Municipal Energy Uses

The number of municipal buildings, vehicles, street lights, traffic lights, and water/sewer assets are included in Table 1 below.

Municipal Buildings

The Town of Falmouth has included thirty-six (36) buildings broken out in MassEnergyInsight.

The following buildings are heated by electric in FY18:

- Animal Shelter
- School Portable Classrooms

The following utilize heating oil as the primary source of heat:

- Academy Building/Chamber of Commerce
- East Falmouth Fire Department
- East Falmouth Public Library

The following are unheated:

- DPW – Town Landfill
- DPW – Town Landfill Masher
- Eel Pond Bridge
- Scranton Ave Marina
- High School Equipment Shed

The remainder of the buildings are heated by natural gas.

Building Additions and New Construction

A new 17,000-square-foot Senior Center was constructed over 2019 and 2020. The facility was substantially complete in mid-March 2020 but has not been fully open for in-person activities due to the pandemic.

While the Town currently maintains the approximately 4,000 sq ft former senior center on Dillingham Avenue, there are plans in process to lease the building use as a veterans service center.

Vehicles

The Town of Falmouth has one hundred and three (103) vehicles. Six (6) of the vehicles were not exempt.

Street Lights and Traffic Lights

The Town of Falmouth has two thousand, five hundred, and seventy-two (2,572) street lights and 12 traffic light configurations. The majority of the lighting has been converted to LED technology. There are five (5) compact fluorescents and a hundred and six (106) sodium vapor.

Open Space

The Town of Falmouth includes the following:

- Band Shell
- Beaches
- Parks and Fields
- Sandwich Road Ball Field

Renewable Energy

In 2014, Falmouth EDIC started plans to develop a solar array on the old landfill site off of Thomas Landers Road to generate tax revenue for the town and provide lower cost, clean, local electricity for Falmouth's municipal buildings, while also earning lease revenue to help fund the EDIC's important economic development goals.

Falmouth EDIC obtained authorization from the Board of Selectmen at Town Meeting to enter into negotiations with a developer to construct a solar field. Citizens Energy was chosen for the project. As a bonus, Citizens Energy agreed to develop an additional solar array to generate electricity for 200 homes in Falmouth that qualified with low to moderate incomes. Once built, Citizens Energy chose the recipients.

In 2016, the first phase of this project was completed, producing 4.3 megawatts (MW) of clean and renewable energy, saving the Town of Falmouth over \$500,000 a year in energy costs.

The EDIC is now moving forward with a second phase that will result in construction of solar arrays that generate an additional 2 MW of power providing additional electricity for municipal facilities and low to moderate income households.

Table 1: Summary of Municipal Energy Users

	Quantity	Owner
Building		
Electric Heat	2	Muni
Natural Gas Heat	26	Muni
Oil Heat	3	Muni
Unheated	5	Muni
Vehicles		
Exempt	97	Muni
Non-Exempt	6	Muni
Street Lights		
	2,572	Muni
Traffic Lights		
	12	Muni
Water & Sewer		
Water Treatment Plant	1	Muni
Water Lift and Pump Stations	4	Muni
Wastewater Lift Stations	6	Muni
Wastewater Treatment Facilities	2	Muni

Summary of Energy Use Baseline and Plans for Reductions

During the baseline year, fiscal year 2018 (FY18), the total energy usage for the Town of Falmouth was 111,647 MMBTU (Metric Million British Thermal Unit). The majority of the energy consumed was used by municipal buildings (65%). The remaining usage is divided between vehicles (22%) and Water/Sewer (12%).

Working with Cape Light Compact, RISE Engineering assessed and documented the energy conservation opportunities at Falmouth facilities. The opportunities were identified through site visits and interviews with staff.

Specific actions are detailed in the Energy Conservation Measure tables, and the assessments are included in the Appendix.

Table 2: Summary of Municipal Energy Use Baseline

Baseline Year: FY2018	MMBtu Used in Baseline Year	% of Total MMBtu Baseline Energy Consumption	Projected Planned MMBtu Savings	Savings as % of Total MMBtu Baseline Energy Consumption
Building	72,548	65%	15,078	14%
Vehicles	24,144	22%	1,018	1%
Street/Traffic Lights	1,292	1%	0	0%
Water/Sewer/Pumping	13,512	12%	67	0%
Open Space*	151	0%	0	0%
Total	111,647	100%	16,163	15%

Energy Use Baseline Inventory

Identification of the Inventory Tool Used

The Town of Falmouth has elected to utilize MassEnergyInsight (MEI) as the Inventory Tool.

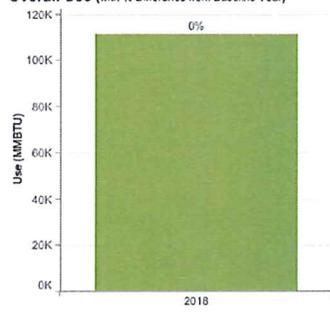
Identification of the Baseline Year and ERP Timeframe

The Town of Falmouth has chosen FY2018 as the baseline year. The five-year timeframe for the 20% energy reduction goal is FY2019-FY2023. Please note that the 20% is comprised on the 15% energy savings through specific measures and an additional 5% identified as potential behavioral measures as noted on page 31 as referenced in the DOER's guidance document.

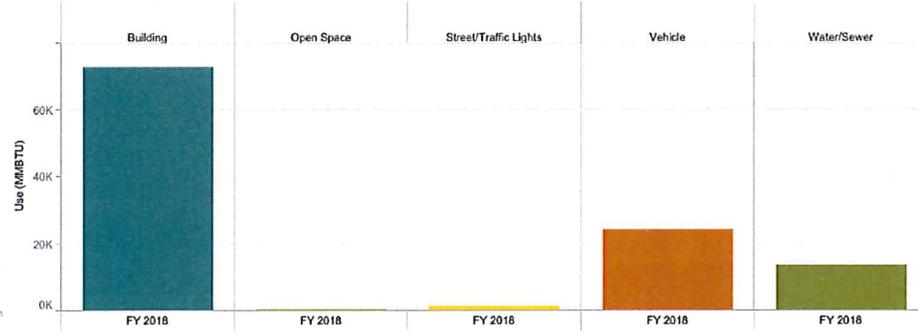
Figure 1: FY18 Baseline Data in MMBTU

Baseline Dashboard

Overall Use (with % Difference from Baseline Year)



Use by Facility Category



Municipal Energy Consumption for the Baseline Year

During baseline year FY2018, the energy used in the Town of Falmouth was converted from its original (or native units) to MMBTUs. The information shown below is provided by DOER to explain how MMBTUs are calculated.

MMBtu Conversion Chart

Fuel Energy Content of Common Fossil Fuels per DOE/EIA

BTU Content of Common Energy Units – (1 million Btu equals 1 MMBtu)

- 1 kilowatt hour of electricity = 0.003412 MMBtu
- 1 therm = 0.1 MMBtu
- 1 ccf (100 cubic foot) of natural gas = 0.1028 MMBtu (based on U.S. consumption, 2007)
- 1 gallon of heating oil = 0.139 MMBtu
- 1 gallon of propane = 0.091 MMBtu
- 1 cord of wood = 20 MMBtu
- 1 ton of wood pellets = 16.5 MMBtu
- 1 gallon of gasoline = 0.124 MMBtu (based on U.S. consumption, 2007)
- 1 gallon of E100 ethanol = 0.084 MMBtu
- 1 gallon of E85 ethanol = 0.095 MMBtu
- 1 gallon of diesel fuel = 0.139 MMBtu
- 1 gallon of B100 biodiesel = 0.129 MMBtu
- 1 gallon of B20 biodiesel = 0.136 MMBtu⁷
- 1 gallon of B10 biodiesel = 0.137 MMBtu⁹
- 1 gallon of B5 biodiesel = 0.138 MMBtu⁹
- 1 barrel of residual fuel oil = 6.287 MMBtu

The tables below show the energy usage in native units and MMBTU for the baseline year.

**ERP Guidance Table 3a - Municipal Energy Consumption for 2018
(Native Fuel Units)**

Building		2018				
		Electric (kWh)	Gas (therms)	Oil (gallons)	Gasoline (gallons)	Diesel (gallons)
Scranton Ave Marina		126,640				
School-Lawrence Middle		455,396	64,885			
Town Hall		230,160	8,475			
School-Morse Pond Middle		561,600	73,358			
DPW Bldg & Garage		249,160	23,296			
Library-Main		334,792	10,248			
Recreation Center		139,760	12,174			
Police Bldg		225,760	9,293			
School - E. Falmouth Elem.		275,640	57,003			
School-North Falmouth Elem		300,720	40,052			
School-Teaticket Elem		240,478	39,205			
School-Admin Bldg		81,472	7,568			
Library-E. Falmouth		22,226		1,211		
School-Falmouth High School		1,932,690	84,004			
DPW-Town Landfill		5,287				
Library-N. Falmouth		9,423	1,540			
School-Mullen-Hall Elem		390,800	46,581			
Animal Shelter-New		5,977				
Academy Building		12,458		939		
Fire Dept-E. Falmouth		58,640		5,753		
Fire Dept-Main St HQ		212,920	15,282			
Fire Dept-N. Falmouth		23,645	1,695			
Fire Dept-W. Falmouth		8,211	1,896			
Fire Dept-Woods Hole		34,447	3,808			
Edward Marx Building		2,517				
Eel Pond Bridge		14,273				
School-High School Equip Sh..		5,573				
DPW-Town Landfill Masher		327				
Misc. Buildings		12	1,649			
Harbormaster Building		19,457	1,005			
Senior Center		13,072	2,006			
Highfield Hall and Gardens		102,160				
School Portable Classrooms		33,675				
Woods Hole Community Hall		8,373				
Old Woods Hole Fire Station		1,537				
Total		6,139,278	505,023	7,903		
Open Space	Band Shell	276				
	Beaches	5,105				
	Parks and Fields	36,853				
	Sandwich Rd Ball Field	2,107				
Total		44,341				
Street/Traffic Lights	Street Lights-Townwide	228,900				
	Street Lights-Waterways	2,612				
	Street Lights-Non traffic contr..	9,997				
	Street Lights-Traffic Control	56,135				
	Harbormaster/Waterways	58,137				
	Street Lights-Area Lights	18,926				
	Street Lights-Flashers	3,902				
	Street Lights-Unknown	8				
Total		378,617				

Vehicle	Highway Dept. Vehicles - DPW			3,587	32,165
	Building Department Vehicles			2,684	
	Director of Assessing Vehicles			270	
	Police Vehicles			32,469	44
	School Dept. Vehicles			45,400	
	Facilities/Maintenance Vehicle..			1,757	702
	FHA Vehicles			3,904	44
	Fire Dept. Vehicles			7,377	15,685
	Harbormaster Vehicles			4,275	
	Parks Vehicles			1,126	13,650
	Rec. Dept. Vehicles			661	
	Council on Aging Vehicles			2,517	
	"Trolley" Vehicle Fuel - Depart..			11,139	2,607
	Diesel Usage				4,276
Total			117,166	69,173	
Water/Sewer	Water-System Tanks	427			
	Water-Sources	361,600			
	Wastewater Pumping (Lift) St..	18,341			
	Long Pond Plant	1,728,010			
	Fresh Pond Well	113,431			
	Shop	4,754	1,168		
	Coonamesett Well	155,879			
	Mares Pond Well	115,147			
	Regional Facility	8,269	1,158		
	Pattee Tank	15,809			
	Hayway Tank	17,735			
	St. Jean Tank	13,409			
	Tech Park Tank	27,221	1,180		
	Long Pond		3,519		
	154 Blacksmith Shop Rd - ne..			3,611	
	Palmer Ave (JP) Lift Station	168,720			
	Academy Lane (Shilvericks) Lif..	74,480			
	Water St (Woods Hole) Lift St..	44,280			
	Robbins Road (Inner Harbor) ..	22,810			
	Surf Drive (Falmouth Beach) L..	16,686			
	Park Road (Gardiner Road) LI..	13,778			
	Gasoline Usage			1,116	
	Gasoline Usage			4,283	
	Gifford St. Pump	2,892			
	William Rd. Pump	126,984			
	Diesel Usage				8,845
	Total	3,050,662	7,025	3,611	5,399
Grand Total	9,612,898	512,048	11,514	122,565	78,018

ERP Guidance Table 3b - Municipal Energy Consumption for 2018 (MMBTU)

Please make sure that any data submitted to DOER contains complete Data!

		2018					Total
		Diesel	Electric	Gas	Gasoline	Oil	
Building	Scranton Ave Marina		432				432
	School-Lawrence Middle		1,554	6,489			8,042
	Town Hall		785	848			1,633
	School-Morse Pond Middle		1,916	7,336			9,252
	DPW Bldg & Garage		850	2,330			3,180
	Library-Main		1,142	1,025			2,167
	Recreation Center		477	1,217			1,694
	Police Bldg		770	929			1,700
	School - E. Falmouth Elem.		940	5,700			6,641
	School-North Falmouth Elem		1,026	4,005			5,031
	School-Teaticket Elem		821	3,921			4,741
	School-Admin Bldg		278	757			1,035
	Library-E. Falmouth		76			168	244
	School-Falmouth High School		6,594	8,400			14,995
	DPW-Town Landfill		18				18
	Library-N. Falmouth		32	154			186
	School-Mullen-Hall Elem		1,333	4,658			5,992
	Animal Shelter-New		20				20
	Academy Building		43			131	173
	Fire Dept-E. Falmouth		200			800	1,000
	Fire Dept-Main St HQ		726	1,528			2,255
	Fire Dept-N. Falmouth		81	170			250
	Fire Dept-W. Falmouth		28	190			218
	Fire Dept-Woods Hole		118	381			498
	Edward Marx Building		9				9
	Eel Pond Bridge		49				49
	School-High School Equip Sh..		19				19
	DPW-Town Landfill Masher		1				1
	Misc. Buildings		0	165			165
	Harbormaster Building		66	101			167
Senior Center		45	201			245	
Highfield Hall and Gardens		349				349	
School Portable Classrooms		115				115	
Woods Hole Community Hall		29				29	
Old Woods Hole Fire Station		5				5	
Total			20,947	50,502		1,099	72,548
Open Space	Band Shell		1				1
	Beaches		17				17
	Parks and Fields		126				126
	Sandwich Rd Ball Field		7				7
	Total			151			
Street/Traffic Lights	Street Lights-Townwide		781				781
	Street Lights-Waterways		9				9
	Street Lights-Non traffic contr..		34				34
	Street Lights-Traffic Control		192				192
	Harbormaster/Waterways		198				198
	Street Lights-Area Lights		65				65
	Street Lights-Flashers		13				13
	Street Lights-Unknown		0				0
Total			1,292				1,292

Vehicle	Highway Dept. Vehicles - DPW	4,471		445		4,916	
	Building Department Vehicles			333		333	
	Director of Assessing Vehicles			33		33	
	Police Vehicles	6		4,026		4,032	
	School Dept. Vehicles			5,630		5,630	
	Facilities/Maintenance Vehicle..	98		218		315	
	FHA Vehicles	6		484		490	
	Fire Dept. Vehicles	2,180		915		3,095	
	Harbormaster Vehicles			530		530	
	Parks Vehicles	1,897		140		2,037	
	Rec. Dept. Vehicles			82		82	
	Council on Aging Vehicles			312		312	
	"Trolley" Vehicle Fuel - Depart..	362		1,381		1,744	
	Diesel Usage	594				594	
	Total	9,615		14,529		24,144	
Water/Sewer	Water-System Tanks		1			1	
	Water-Sources	1,234				1,234	
	Wastewater Pumping (Lift) St..	63				63	
	Long Pond Plant	5,896				5,896	
	Fresh Pond Well	387				387	
	Shop	16	117			133	
	Coonamessett Well	532				532	
	Mares Pond Well	393				393	
	Regional Facility	28	116			144	
	Pattee Tank	54				54	
	Hayway Tank	61				61	
	St. Jean Tank	46				46	
	Tech Park Tank	93	118			211	
	Long Pond		352			352	
	154 Blacksmith Shop Rd - ne..				502	502	
	Palmer Ave (JP) Lift Station	576				576	
	Academy Lane (Shivericks) Lif..	254				254	
	Water St (Woods Hole) Lift St..	151				151	
	Robbins Road (Inner Harbor) ..	78				78	
	Surf Drive (Falmouth Beach) L..	57				57	
	Park Road (Gardiner Road) LI..	47				47	
	Gasoline Usage			138		138	
	Gasoline Usage			531		531	
	Gifford St. Pump	10				10	
	William Rd. Pump	433				433	
	Diesel Usage	1,229				1,229	
	Total	1,229	10,409	703	669	502	13,512
	Grand Total	10,845	32,799	51,205	15,198	1,600	111,647

Energy Reduction Plan

Narrative Summary

The Town of Falmouth is committed to reducing baseline energy consumption by twenty (20) percent over the five-year period from FY2019 to FY2023.

1. *Overview of Goals for Years 1-3*

This time period runs from FY2019 to FY2023. The strategy for the Town of Falmouth for this period will be to implement the following projects:

Year 1 (FY2019)

- Lighting projects at the Falmouth High school, Town Hall, Carriage Shop Rd Well, Hayway Rd Tank, Pattee Rd Tank, 12 Blackthorn Facility, Hatchville Rd Well, and Pattee Rd MP Well
- Install new VRF HVAC system at Town Hall

Year 2 (FY2020)

- Lighting Project at the Library
- Conservation and Buildings Electric Vehicles and Charging Stations

Year 3 (FY2021)

- Hybrid electric cruisers for the Police Department
- High School chiller
- Edward Marks HVAC
- DPW boilers

2. *Overview of Goals for Years 4-5*

The Town will examine the building needs over time, and there will be discussions on potential efficiency measures. The goals for FY2022 and FY2023 are to complete any unfinished projects planned for years 1-3 and the following projects:

Year 4 (FY2022)

- Hybrid electric cruisers for the Police Department
- Morse Pond controls and Univents
- Police Station Boiler Replacement

Year 5 (FY2023)

- Hybrid electric cruisers for the Police Department
- Lawrence School Parking Lot Lighting
- Town Hall Window Replacements
- Town Hall Window Wrapping
- Wastewater Treatment Plant Windows

The Town will continue to review all opportunities, including solar and storage.

3. *Areas of Least Efficiency*

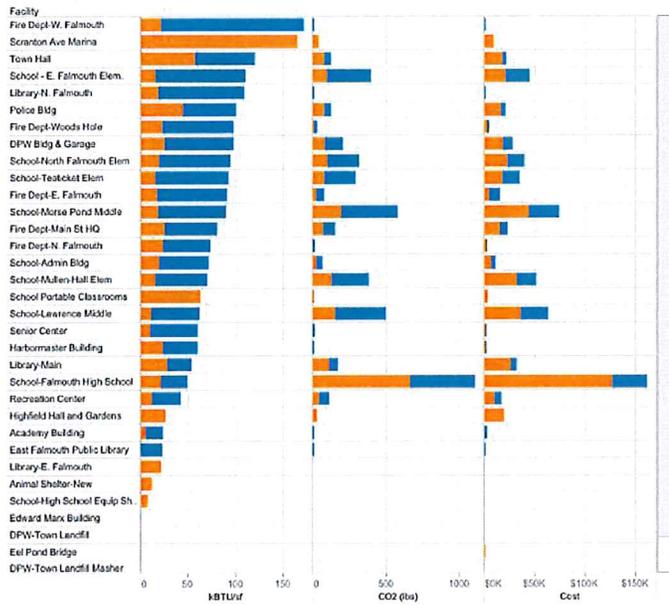
The high school has the highest usage, and schools overall have the most energy-intensive buildings. This is typical of most municipalities.

Please see the image below from the "Buildings to Target" that shows comparative energy use for all fuel types in FY2018.

Buildings to Target

This dashboard compares buildings to one other on an energy use per area metric, measured as kBTU/square foot. In the quadrant chart on the right, buildings with the highest energy use and worst efficiency (as compared to other buildings in your portfolio) are in the upper right hand quadrant. Facilities of the types Open Space, Water/Sewer, Street/Traffic Lights, and Vehicles are not displayed. Diesel and Gasoline records attached to a building are not included in the kBTU/SF calculation.

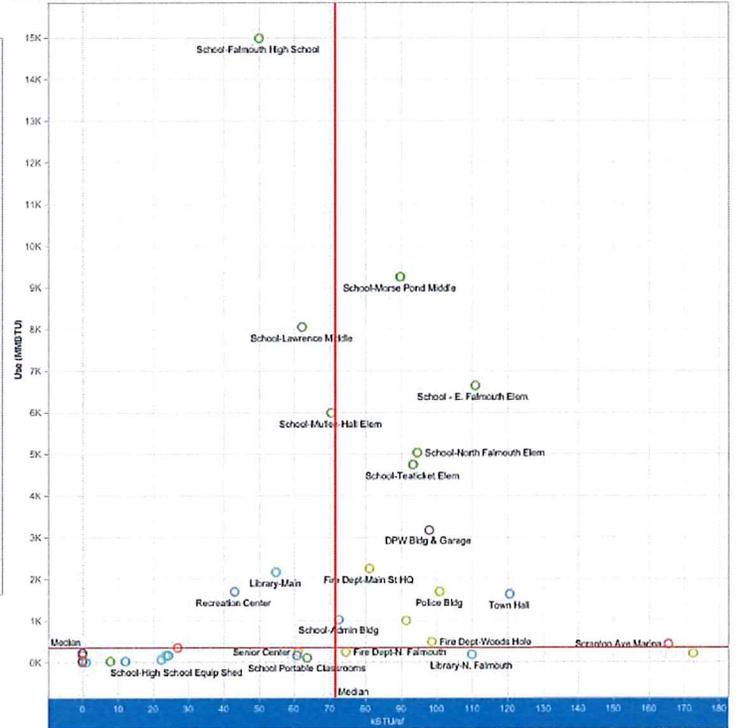
Building Efficiency, Emissions and Cost Heating Electric
Emissions factors updated 1/4/2012 using Massachusetts-specific greenhouse gas emissions factors



Select a building name above to see how efficient it is compared to your other buildings. Lower numbers indicate greater efficiency.



Efficiency and Use



Achieving a 20% Energy Use Reduction within the 5 Year Period FY2019-FY2023

1. *Program Management Plan for Implementation, Monitoring, and Oversight*

Peter Johnson-Staub, Assistant Town Manager, will provide overall guidance and coordination with administration and the Select Board.

Thomas Bott, Town Planner, will act as the primary point person for the Town for any access to bills, authorization for data, and reporting. He has a rich history with past Green Communities work in the Town of Kingston.

Greg Endicott, Facilities Manager, will act as the primary point person for any onsite work and coordination with building and facility staff.

Patrick Murphy, Director of Finance and Operations at the Falmouth Public Schools, has oversight responsibilities for any school projects.

The members of the Energy Committee will continue to assist with projects, as appropriate.

Margaret Song, Commercial and Industrial Program Manager, Cape Light Compact will assist the town with technical assistance, data collection and reporting as part of the grant.

2. Energy Conservation Measures

Building/Site Name	Energy Conservation Measure Name	Status	Projected Annual Electricity Savings (kWh)	Projected Annual Natural Gas Savings (therms)	Projected Annual Oil Savings (gallons)	Projected Annual Gasoline Savings (gallons)	Projected Annual Diesel Savings (gallons)	Projected Annual Cost Savings (\$)	Total Installed Cost (\$)	Utility Incentives (\$)
Chamber of Commerce	LED Lighting	Planned	3,341					\$601	\$4,379	\$3,341
Chamber of Commerce	Faucet Aerators	Planned			37			\$93	\$24	\$24
Chamber of Commerce	Boiler Reset	Planned			256			\$641	\$5,000	\$0
DPW	LED Lighting	Planned	33,082					\$5,955	\$27,054	\$27,054
DPW	Condensing Boiler	Planned		514				\$514	\$25,000	\$4,000
DPW	Infrared Heaters	Planned		720				\$720	\$70,000	\$4,500
DPW	RTU Controls	Planned	11,572	17				\$2,100	\$20,000	\$11,598
DPW	Tankless Water Heater	Planned		89				\$89	\$10,000	\$1,600
DPW	Circulator Pump	Planned	6,846		1,825			\$1,232	\$20,000	\$0
Fire Station - East Falmouth	HE Mini-Split Heat Pump	Planned	-7,301		0			\$2,555	\$39,600	\$7,500
Fire Station - East Falmouth	Heat Pump Water Heater	Planned	2,621		486			\$393	\$9,000	\$150
Fire Station - East Falmouth	Air Sealing	Planned	78		92			\$984	\$8,944	\$0
Fire Station - East Falmouth	Wi-Fi Thermostats	Planned						\$185	\$2,000	\$2,000
Fire Station - HQ (#1)	Condensing Boiler	Planned		1,336				\$1,336	\$90,000	\$4,000
Fire Station - HQ (#1)	EC VFD Motors	Planned	3,082					\$478	\$10,000	\$3,082
Fire Station - HQ (#1)	EMS	Planned	15,341	3,052				\$5,887	\$78,408	\$6,000
Fire Station - HQ (#1)	RTU Controls	Planned	23,430					\$3,632	\$117,000	\$23,430
Fire Station - HQ (#1)	Wi-Fi Thermostats	Planned	208	62				\$94	\$1,000	\$420
Fire Station - N Falmouth (#3)	Wi-Fi Thermostats	Planned	208	62				\$93	\$1,000	\$420

Building/Site Name	Energy Conservation Measure Name	Status	Projected Annual Electricity Savings (kWh)	Projected Annual Natural Gas Savings (therms)	Projected Annual Oil Savings (gallons)	Projected Annual Gasoline Savings (gallons)	Projected Annual Diesel Savings (gallons)	Projected Annual Cost Savings (\$)	Total Installed Cost (\$)	Utility Incentives (\$)
Fire Station - N Falmouth (#3)	HE Mini-Split Heat Pump	Planned	3,276	1,125				\$1,633	\$24,000	\$1,000
Fire Station - N Falmouth (#3)	Lighting Upgrade	Planned	1,599					\$240	\$1,694	\$1,599
Fire Station - West Falmouth	Condensing Boiler	Planned		207				\$207	\$19,200	\$1,000
Fire Station - West Falmouth	Heat Pump Water Heater	Planned	1,855					\$278	\$7,500	\$600
Fire Station - West Falmouth	Wi-Fi Thermostats	Planned		128				\$128	\$1,500	\$300
Fire Station - West Falmouth	Efficient Windows	Planned		202				\$202	\$24,000	\$0
Fire Station - Woods Hole (#2)	Condensing Boiler	Planned		672				\$672	\$33,600	\$3,000
Fire Station - Woods Hole (#2)	Wi-Fi Thermostats	Planned	624	186				\$283	\$3,000	\$1,260
Harbormaster	HE AHUs	Planned	168	134				\$164	\$25,000	\$1,200
Harbormaster	Showerheads	Planned		162				\$162	\$210	\$210
Harbormaster	Tankless Water Heater	Planned		89				\$89	\$10,000	\$1,600
Library - East Falmouth	Lighting Upgrade	Planned	1,599		0			\$240	\$1,694	\$1,599
Library - East Falmouth	HE Mini-Split Heat Pump	Planned	1,315		1,842			\$3,888	\$24,000	\$5,000
Library - East Falmouth	Heat Pump Water Heater	Planned	1,377		0			\$207	\$7,800	\$600
Library - East Falmouth	Wi-Fi Thermostats	Planned	208		62			\$155	\$1,000	\$1,000
Library - East Falmouth	Variable Speed Pump	Planned	1,068		0			\$160	\$24,000	\$0
Library - Main	Lighting Upgrade	Planned	2,000	0				\$300	\$2,400	\$2,000

Building/Site Name	Energy Conservation Measure Name	Status	Projected Annual Electricity Savings (kWh)	Projected Annual Natural Gas Savings (therms)	Projected Annual Oil Savings (gallons)	Projected Annual Gasoline Savings (gallons)	Projected Annual Diesel Savings (gallons)	Projected Annual Cost Savings (\$)	Total Installed Cost (\$)	Utility Incentives (\$)
Library - Main	Vending Miser	Planned	1,955	0				\$293	\$428	\$160
Library - Main	Condensing Boiler	Planned	0	859				\$859	\$240,000	\$15,000
Library - Main	HW Circulator Pumps VFD	Planned	28,483	0				\$4,272	\$25,200	\$25,200
Library - Main	EMS & DCV	Planned	17,541	7,754				\$10,385	\$113,520	\$18,000
Library - North Falmouth	Lighting Upgrade	Planned	695	0				\$104	\$2,908	\$695
Library - North Falmouth	High Efficiency Furnace	Planned	168	57				\$82	\$9,720	\$600
Library - North Falmouth	HE Packaged AC Unit	Planned	1,222	0				\$183	\$12,000	\$0
Library - North Falmouth	Wi-Fi Thermostats	Planned	208	62				\$93	\$1,000	\$1,000
Police Station	Condensing Boiler	Planned		945				\$945	\$100,000	\$8,000
Police Station	Faucet Aerators	Planned		289				\$289	\$136	\$136
Police Station	Vending Miser	Planned	1,955					\$352	\$357	\$357
Police Station	Building Insulation	Planned	241	364				\$407	\$12,500	\$787
Police Station	Tankless Water Heater	Planned		89				\$89	\$10,000	\$1,600
Recreation Center	Faucet Aerators	Planned	0	68				\$68	\$32	\$32
Recreation Center	Vending Miser	Planned	1,551	0				\$279	\$336	\$336
Recreation Center	RTU Controls	Planned	31,306	803				\$6,438	\$40,000	\$32,511
Recreation Center	Circulator Pump	Planned	581					\$105	\$5,000	\$0
Schools - Administration	LED Lighting	Planned	13,295					\$2,393	\$20,244	\$13,295
Schools - Administration	Building Insulation	Planned	967	137				\$311	\$13,000	\$1,173
Schools - Administration	Condensing Boiler	Planned	0	355				\$355	\$40,000	\$4,000

Building/Site Name	Energy Conservation Measure Name	Status	Projected Annual Electricity Savings (kWh)	Projected Annual Natural Gas Savings (therms)	Projected Annual Oil Savings (gallons)	Projected Annual Gasoline Savings (gallons)	Projected Annual Diesel Savings (gallons)	Projected Annual Cost Savings (\$)	Total Installed Cost (\$)	Utility Incentives (\$)
Schools - Administration	Heat Pump Water Heater	Planned	1,516					\$273	\$8,000	\$0
Schools - East Falmouth Elementary	Building Insulation	Planned		671				\$671	\$28,109	\$0
Schools - East Falmouth Elementary	High Efficiency DHW	Planned		685				\$685	\$14,400	\$1,369
Schools - East Falmouth Elementary	Lighting Upgrade	Planned	57,044					\$8,557	\$62,141	\$57,044
Schools - Falmouth High School	Supply Fan Motors and VFD	Planned	55,458					\$8,596	\$100,704	\$55,458
Schools - Lawrence Middle	High Efficiency DHW	Planned	0	1,320				\$1,518	\$48,000	\$0
Schools - Lawrence Middle	Vending Miser	Planned	1,955					\$303	\$1,955	\$1,955
Schools - Lawrence Middle	Lighting Upgrade	Planned	135,535					\$21,008	\$242,328	\$135,535
Schools - Morse Pond Elementary	High Efficiency RTU	Planned	8,860	0				\$1,329	\$60,000	\$0
Schools - Morse Pond Elementary	Condensing Boiler	Planned	0	470				\$470	\$55,000	\$10,000
Schools - Morse Pond Elementary	Refrigeration Controls	Planned	2,754	0				\$413	\$9,600	\$2,754
Schools - Morse Pond Elementary	Lighting Upgrade	Planned	75,130	0				\$11,270	\$85,196	\$75,130
Schools - Morse Pond Elementary	EMS & DCV	Planned	5,067	12,401				\$13,161	\$405,900	\$0
Schools - Morse Pond Elementary	High Efficiency UV	Planned	37,865	0				\$5,680	\$431,250	\$37,865
Schools - Mullen Hall	HE DHW System	Planned		837				\$837	\$40,800	\$1,255

Building/Site Name	Energy Conservation Measure Name	Status	Projected Annual Electricity Savings (kWh)	Projected Annual Natural Gas Savings (therms)	Projected Annual Oil Savings (gallons)	Projected Annual Gasoline Savings (gallons)	Projected Annual Diesel Savings (gallons)	Projected Annual Cost Savings (\$)	Total Installed Cost (\$)	Utility Incentives (\$)
Schools - Mullen Hall	Condensing Boiler	Planned		6,313				\$6,313	\$60,000	\$20,000
Schools - Mullen Hall	DCV	Planned	3,400	3,845				\$4,932	\$60,000	\$10,200
Schools - Mullen Hall	Lighting Upgrade	Planned	83,453					\$12,518	\$82,183	\$82,183
Schools - North Falmouth	Lighting Upgrade	Planned	64,637					\$9,696	\$70,300	\$64,637
Schools - North Falmouth	Condensing Boiler	Planned	0	5,874				\$5,874	\$480,000	\$7,500
Schools - North Falmouth	Heat Pump Water Heater	Planned	25,155	0				\$3,773	\$9,000	\$150
Schools - North Falmouth	EMS & DCV	Planned	0	7,879				\$7,879	\$151,200	\$0
Senior Center	LED Lighting	Planned	1,165					\$210	\$3,105	\$1,165
Senior Center	Faucet Aerators	Planned		51				\$51	\$24	\$24
Senior Center	WiFi Thermostats	Planned		70				\$70	\$1,100	\$200
Senior Center	Building Insulation	Planned		426				\$426	\$16,500	\$639
Senior Center	Boiler Reset	Planned		355				\$355	\$5,000	\$0
Senior Center	Tankless Water Heater	Planned		89				\$89	\$10,000	\$1,600
Senior Center	Circulator Pump	Planned	508					\$91	\$5,000	\$0
Town Hall	HE ERV system	Planned	2,876					\$431	\$45,000	\$0
Lawrence Middle School	EMS	Complete	31,665							
Town Hall	HE VRF System	Complete	-22,051	6,891				\$3,583	\$375,000	\$0
East Falmouth	Condensing Boiler	Complete		12,796						
East Falmouth	EMS & DCV	Complete		592						
East Falmouth	HW Pump VFD	Complete	10,920							
Police Department	Lighting	Complete	8,880					\$1,376	\$12,433	\$12,433

Building/Site Name	Energy Conservation Measure Name	Status	Projected Annual Electricity Savings (kWh)	Projected Annual Natural Gas Savings (therms)	Projected Annual Oil Savings (gallons)	Projected Annual Gasoline Savings (gallons)	Projected Annual Diesel Savings (gallons)	Projected Annual Cost Savings (\$)	Total Installed Cost (\$)	Utility Incentives (\$)
Morse Pond School	Condensing Boiler	Complete		14,466						
Morse Pond School	HW Pump VFD	Complete	33,289							
Falmouth High School	Lighting	Complete	367,590					\$56,976	\$255,928	\$255,928
Town Hall	Lighting	Complete	16,680					\$2,585	\$19,665	\$19,665
Morse Pond School	Upstream Lighting	Complete	21,546							
Carriage Shop Rd Well	Lighting	Complete	1,613					\$250	\$1,578	\$1,578
Pattee Rd Tank	Lighting	Complete	1,420					\$220	\$2,214	\$2,214
12 Blackthorn Facility	Lighting	Complete	15,458					\$2,396	\$9,465	\$9,465
Pattee Rd M P Well	Lighting	Complete	1,049					\$163	\$870	\$870
Library	Lighting	Complete	68,891					\$10,678	\$73,454	\$73,454
Morse Pond School	Upstream Lighting	Complete	24,199					\$3,751		
Falmouth Senior Center	Building Insulation	Complete	8,131					\$1,602	\$24,140	\$2,846
Falmouth Senior Center	Interior Lighting	Complete	19,707					\$3,882		\$8,631
Falmouth Senior Center	Exterior Lighting	Complete								\$0
Falmouth Senior Center	Unitary HVAC	Complete	18,889					\$3,721	\$31,014	\$6,611
Falmouth Senior Center	Energy Recovery	Complete	521	428				\$521	\$1,803	\$1,038
Falmouth Senior Center	Demand Control Ventilation	Complete	4,876	49				\$1,008	\$5,950	\$1,805
Falmouth Senior Center	DHW Heaters	Complete		123				\$120	\$2,130	\$246
Heavy-Duty Past replacements	Vehicles	Complete					2,641			
Heavy-Duty Future replacements	Vehicles	Planned					3,138			

Building/Site Name	Energy Conservation Measure Name	Status	Projected Annual Electricity Savings (kWh)	Projected Annual Natural Gas Savings (therms)	Projected Annual Oil Savings (gallons)	Projected Annual Gasoline Savings (gallons)	Projected Annual Diesel Savings (gallons)	Projected Annual Cost Savings (\$)	Total Installed Cost (\$)	Utility Incentives (\$)
FY18 and FY19 highway/DPW vehicle replacements	Vehicle Replacements	Complete				263				
Vehicle replacements - Future	Vehicle Replacements	Planned				1,471				
		Total	1,403,416	97,170	4,600	1,734	5,779	285,204	4,802,825	1,207,414

Taking Credit for Efficiency Measures Occurring Before Green Communities Designation

As noted above, the Town of Falmouth completed the following measures in FY19 and FY20 and the associated claimable savings based upon actual reductions:

Lawrence School

- In later FY18, the school installed an Energy Management System (EMS) that was estimated to save 31,665 kWh per year, and this is what was claimed.
- From FY18 to FY20, there was some finetuning of the system, but the actual kWh reduction was 60,827 kWh per year.

Town Hall VRF System – November 2018

- Based upon the RISE audit for the Town Hall, the estimated energy impacts are -22,051 kWh and 6,891 therms.
- This project was installed part way into FY19, and the FY20 data shows that natural gas use becomes almost negligible. As a result, the full savings are claimed as the actual natural gas savings is greater than the estimate.

East Falmouth Elementary

- In mid-FY19, the school retrofitted the boilers and added an Energy Management System with Demand-Control Ventilation and Hot Water VFDs. The total estimated savings for all installations was estimated to be 26,184 therms and 33,289 kWh.
- The actual savings from FY18 to FY19 was 10,920 kWh and 13,388 therms, which is what was claimed.

Morse Pond School

- In early FY20, the school retrofitted the boiler and added a hot water VFD. The savings were estimated to be 14,466 therms and 33,289 kWh, which is what was claimed.
- When looking at FY20 as compared to FY19, the actual savings was 20,067 therms and 42,240 kWh.

Various lighting projects from August 2019

Site	Estimated Savings	Savings in FY20 (v FY19)	Claimed in ERP
Police Department	18,955	8,880	Actual reductions
High School	421,593	367,590	Actual savings
Town Hall	19,587	16,680	Actual savings
Morse Pond School	21,546	42,240	Estimated savings
Carriage Shop Rd/Fresh Pond + 12 Blackthorn	1613 +15458	58,972	Estimated savings
Pattee Tank	1667	1420	Actual savings
Pattee Rd MP Well/Mares Pond Well	1049	16,475	Estimated savings

Various diesel vehicle replacements from FY18 and early FY19 and realized in FY19

- Multiple heavy-duty trucks were replaced to improve the fleet, but it also led to less usage.
- The estimated savings was 2,641 gallons, which was what was claimed.
- The actual savings was 4,176 gallons.

Various gasoline vehicle replacements

- In FY18, two vehicles were replaced with an estimated savings of 95 gallons, and in FY19, one vehicle was replaced with an estimated savings of 168 gallons. A total of 263 has been claimed as part of the energy reduction plan.
- The actual savings for highway was 488 gallons.

Per the guidance, these measures are noted in the table of energy conservation measures, and the requested Table 3a for each year following the baseline is included below.

ERP Guidance Table 3a - Municipal Energy Consumption for 2018, 2019, 2020 (Native Fuel Units)

		2018					2019					2020				
		Electric (kWh)	Gas (therms)	Oil (gallons)	Gasoline (gallons)	Diesel (gallons)	Electric (kWh)	Gas (therms)	Oil (gallons)	Gasoline (gallons)	Diesel (gallons)	Electric (kWh)	Gas (therms)	Oil (gallons)	Gasoline (gallons)	Diesel (gallons)
Building	Scranton Ave Marina	126,640					138,850					125,240				
	School-Lawrence Middle	455,396	64,685				449,263	67,695				394,569	61,713			
	Town Hall	230,160	8,475				321,460	2,729				304,800	242			
	School-Morse Pond Middle	561,600	73,358				497,440	69,326				455,200	49,259			
	DPW Bldg & Garage	249,160	23,256				253,000	18,052				241,440	20,490			
	Library-Main	334,792	10,248				344,632	9,549				324,952	11,452			
	Recreation Center	139,760	12,174				144,880	12,249				112,860	12,082			
	Police Bldg	225,760	9,293				240,660	9,192				231,680	8,712			
	School - E. Falmouth Elem.	278,640	57,003				264,720	43,615				245,280	44,298			
	School-North Falmouth Elem	300,720	40,052				306,360	49,085				266,280	41,426			
	School-Tealicket Elem	240,478	39,205				251,494	40,705				213,308	31,803			
	School-Admin Bldg	81,472	7,565				88,692	9,493				121,472	4,994			
	Library-E. Falmouth	22,226		1,211			24,120		1,184			22,066		1,278		
	School-Falmouth High School	1,932,690	64,004				1,994,400	62,780				1,626,810	84,091			
	DPW-Town Landfill	5,287					6,436					6,521				
	Library-N. Falmouth	9,423	1,540				11,912	1,408				9,712	1,443			
	School-Mullen-Hall Elem	390,800	48,581				426,000	48,578				350,640	36,928			
	Animal Shelter-New	5,977					6,265					6,351				
	Academy Building	12,458		939			12,385		1,343			10,806		1,410		
	Fire Dept-E. Falmouth	58,640		5,753			59,000		4,485			59,280		5,264		
	Fire Dept-Main St HQ	212,920	15,282				165,320	12,917				178,840	12,071			
	Fire Dept-N. Falmouth	23,645	1,695				28,548	1,458				35,236	1,168			
	Fire Dept-W. Falmouth	8,211	1,896				8,911	1,922				15,507	1,719			
	Fire Dept-Woods Hole	34,447	3,808				32,471	3,762				26,073	4,142			
	Edward Marx Building	2,517					1,223					1,265				
	Eel Pond Bridge	14,273					15,783					15,213				
	School-High School Equip Sh.	5,573					3,373					3,766				
	DPW-Town Landfill Masher	327					21					0				
	Misc. Buildings	12	1,649				8	1,818				8	1,640			
	Harbormaster Building	19,457	1,005				17,191	1,121				19,092	1,034			
	Senior Center	13,072	2,006				14,120	2,190				114,995	1,938			
	Highfield Hall and Gardens	102,160					102,040					118,400				
	School Portable Classrooms	33,675					39,990					34,302				
	Woods Hole Community Hall	8,373					9,113					7,872				
	Old Woods Hole Fire Station	1,537					1,318					1,170				
	Total	6,139,278	505,023	7,903			6,306,249	489,644	7,012			5,700,446	432,645	7,952		
	Open Space	Band Shell	276				163					264				
		Beaches	5,105				4,688					4,809				
		Parks and Fields	36,853				40,073					23,829				
		Sandwich Rd Ball Field	2,107				3,164					3,466				
		Total	44,341				48,088					32,368				

Street/Traffic Lights	Street Lights-Townwide	228,900			244,814				244,814												
	Street Lights-Waterways	2,612			5,563				4,963												
	Street Lights-Non traffic contr.	9,997			10,850				10,285												
	Street Lights-Traffic Control	58,135			57,909				49,541												
	Harbormaster/Waterways	58,137			50,389				38,718												
	Street Lights-Area Lights	18,928			18,895				18,826												
	Street Lights-Flashers	3,902			3,978				3,672												
	Street Lights-Unknown	8			4				0												
Total	378,617				392,402				378,619												
Vehicle	Highway Dept Vehicles - DPW			3,587	32,165			3,099	27,969										1,162	29,968	
	Building Department Vehicles			2,684				2,467											2,853		
	Director of Assessing Vehicles			270				218											294		
	Police Vehicles			32,469	44			31,607											29,316		
	School Dept. Vehicles			45,400				44,312	48										33,519	24	
	Facilities/Maintenance Vehicle			1,757	702			1,602	655										1,660	731	
	FHA Vehicles			3,904	44			2,981	3										2,492	9	
	Fire Dept. Vehicles			7,377	15,685			6,300	12,838										5,708	14,828	
	Harbormaster Vehicles			4,275				3,738											4,635		
	Parks Vehicles			1,128	13,650			1,045	11,854										1,127	11,754	
	Rec. Dept. Vehicles			661				350											316		
	Council on Aging Vehicles			2,517				1,865											2,224		
	"Trolley" Vehicle Fuel - Depart.			11,139	2,607			8,967	2,567										10,667		
	Diesel Usage				4,276				2,971												3,485
	Beach Vehicles																				267
	Total			117,166	69,173				108,471	58,925									95,373	81,062	
	Water/Sewer	Water-System Tanks	427						450											15	
Water-Sources		361,600						455,720											523,600		
Wastewater Pumping (Lift) St.		18,341						17,353											14,288		
Long Pond Plant		1,728,010						2,246,346											2,010,660		
Fresh Pond Well		113,431						68,022											9,950		
Shop		4,754	1,168					824											282		
Coonamessett Well		155,879						93,073											107,830		
Hares Pond Well		115,147						92,629											76,154		
Regional Facility		8,269	1,158					6,123	820										3,807	1,107	
Pastoe Tank		15,809						18,065											16,645		
Hayway Tank		17,735						17,384											18,109		
St. Jean Tank		13,409						16,000											19,311		
Tech Park Tank		27,221	1,180					29,765	710										15,624	833	
Long Pond			3,519					2,117											853		
154 Blacksmith Shop Rd - no.				3,611					4,499											4,500	
Palmer Ave (JP) Lift Station		155,720						189,200											200,240		
Academy Lane (Silvericks) Lift		74,480						77,320											81,600		
Water St (Woods Hole) Lift St.		44,280						37,600											34,960		
Robbins Road (Inner Harbor)		22,810						20,604											16,632		
Surf Drive (Falmouth Beach) L.		16,686						17,838											21,404		
Park Road (Gardiner Road) L.		13,778						4,601											4,953		
Gasoline Usage					1,116				1,203												1,093
Gasoline Usage					4,283				4,146												6,914
Gifford St. Pump		2,892						4,578												5,308	
William Rd. Pump		126,984						119,237												120,225	
Diesel Usage						8,845				8,902											7,837
Total		3,050,662	7,025	3,611	5,399	8,845		3,532,732	3,647	4,499	5,349	8,902	3,300,697	2,793	4,500	8,007	7,837				
Grand Total	9,612,888	512,048	11,514	122,565	78,018		10,273,471	493,291	11,511	113,820	67,827	9,404,330	435,438	12,452	103,380	68,899					

Beyond the identified measures, the Town will look to address behavioral measures in its office buildings.

1. In the study, "Behavior-Based Energy Savings Opportunities in Commercial Buildings: Estimates for Four U.S. Cities" (https://aceee.org/files/proceedings/2016/data/papers/8_940.pdf), there were indications that office buildings can save 28-33% when implementing behavioral strategies, including:
 - a. Turning off lights (manually or through the use of energy management application) when not in use. Energy management application will also provide indicators to eliminate electronic devices that contribute to "vampire loads."
 - b. Turning off computers and network devices when not in use. This can be automatically enabled through the use of remote management software deployed on all network devices and workstations.
 - c. Utilization of natural methods (windows, doors, blinds) to regulate temperature
 - d. Establishment of temperature "set points" for Town facilities, controlled through energy management application software.¹

Municipal employees will be provided with training, and staff in charge of facilities will conduct occasional, off-hours check for monitors and lights left on and windows left open in the winter.

For the Town of Falmouth, they have utilized a conservative 8% savings per year for all Town's buildings for adoption of similar behavioral efforts. The potential savings are estimated as follows:

FY2018 data	Total MMBTU Usage	Reduction from Program	MMBTU Saved (Annual)
All buildings	72,548	8%	5,804

Applying this 5,804 savings to the total MMBTU for all categories at 111,647 MMBTU, these efforts account for a 5% reduction.

¹ American National Standards Institute (ANSI)/American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Standard 55-2010, Thermal Environmental Conditions for Human Occupancy and ASHRAE Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings, nationally recognized industry standards, define employee comfort and set temperature ranges recommends that facilities set, operate, and maintain office space at 69° to 79° F from 7:00 a.m. to 5:00 p.m. Monday through Friday to achieve 80% employee comfort satisfaction rating per building (Source: <https://prod-ng.sandia.gov/techlib-noauth/access-control.cgi/2014/1417370r.pdf>)

To summarize the energy savings (both and present), please see the following table that shows the MMBTU reductions as compared to the FY18 baseline.

Category	Complete	Planned	Total
Behavioral		6.50%	6.50%
Building Control	0.15%	3.63%	3.78%
Exterior Lighting	0.01%		0.01%
Hot Water	0.01%	0.50%	0.51%
HVAC	3.11%	2.16%	5.27%
Interior Lighting	1.66%	1.44%	3.10%
Pump/Motor/Drive	0.14%	0.52%	0.66%
Refrigeration		0.03%	0.03%
Vehicles	0.36%	0.55%	0.91%
Weatherization	0.02%	0.18%	0.20%
TOTAL	5.46%	14.22%	19.68%

Summary of Long-Term Energy Reduction Goals – Beyond 5 Years

- Municipal Buildings (including schools)*
 The Town and the Schools have a long history of energy efficiency savings. They have engaged with Trane on past ESCO projects, and they continue to identify opportunities for savings.
- Vehicles (including schools)*
 The Town has adopted the vehicle policy with anti-idling, and this is an area of importance for the administration. While it is not a requirement to do so, the capital plan highlights the Police Chief's desire to systematically replace existing cruisers with hybrid models, and there have been efforts to replace vehicles with electric ones and add charging stations at Conservation. These efforts will continue.
- Street and Traffic Lighting*
 With the Cape Light Compact, the Town of Falmouth replaced the majority of its streetlights in 2014 with LED technology. In the early 2000s, the Town converted its traffic lights to LED as well.
- Perpetuating Energy Efficiency*
 With a host of interested members of the public as well as committee members and staff, there is clearly a dedication to a clean energy future and sustainability. With the expertise of these volunteers and staff, the Town of Falmouth will continue to work on education and a variety of other programs to further perpetuate energy efficiency.

Onsite Renewable Energy Projects & Renewable Energy

At this time, there are two projects underway for the capped landfill and the school. There are many opportunities for additional onsite renewable energy projects which the Town will pursue when disposition of the wind turbines has been completed.

BUSINESS

#7 Approve 2021 Annual License Renewals

ALL ALCOHOL RESTAURANT

East End Tap, 734 Teaticket Highway
The Cape Club, 125 Falmouth Woods Road

ALL ALCOHOL CLUB

AMVETS, 336 Palmer Avenue

ALL ALCOHOL PACKAGE STORE

Murphy's Package Store, 410 West Falmouth Highway

COMMON VICTUALLER

Cape Cod Bagel Co. Inc., 419 Palmer Avenue
Dana's Kitchen, 881 Palmer Avenue
Devour, 352 Main Street
East End Tap, 734 Teaticket Highway
Eat Your Heart Out Café & Gourmet Market, 587 Main Street
Falmouth Hospital Cafeteria, 100 Ter Heun Drive
Martha's, 281 Main Street
Peel Pizza, 31 Teaticket Highway
Sweet Rice, 167 Teaticket Highway
The Cape Club, 125 Falmouth Woods Road

INNHOLDER

Inn on the Square, 40 North Main Street

ENTERTAINMENT

East End Tap, 734 Teaticket Highway
The Cape Club, 125 Falmouth Woods Road

SUNDAY ENTERTAINMENT

The Cape Club, 125 Falmouth Woods Road

CLASS II MOTOR VEHICLES

Battles Used Cars & Trucks, 14 Depot Avenue
Cid's Auto Brokers, 91 Carl Landi Circle
Falmouth Auto Center, Inc, 614 East Falmouth Highway
Falmouth Motorcar, Inc., 716 Teaticket Highway
Pier 37, 64 Scranton Avenue

VEHICLES FOR HIRE

NeveRest Limo, 33 Village Common Drive
White Tie Limousine, 292 Teaticket Highway

BUSINESS

#8 Discussion/update on special events applications for 2021

Recurring Annual Special Events

January Events

- Gosnold Polar Plunge Saturday, January 4

February Events – None

March Events

- Seagull Six Road Race Sunday, March 29

April Events

- Easter Egg Scramble Saturday, April 11

May Events

- Cinco de Mayo Woods Hole Saturday, May 2
- Liam Maguire's Irish Pub Almost Five-Miler Sunday, May 10
- Spring at Spohr Gardens Saturday, May 16
- Stroll & Roll for Compassionate Care ALS Saturday, May 16
- Memorial Day Parade Monday, May 25
- Wounded Warrior Soldier Ride Friday, May 29
- Pedal to Parcels Sunday May 31

June Events

- June Jog Sunday, June 7
- Arts Alive Festival Friday-Sunday, June 12-14
- Classic Car Show Sunday, June 14
- Juneteenth Saturday, June 20
- Education Day 5K Sunday, June 21
- Bike Parade Saturday, June 27
- United Methodist Church Sunday Worship Sunday, June 28
- Walk for HOPE Sunday, June 28

July Events

- Fourth of July Fireworks Friday, July 4
- Run Jack Run Family Fun Run Friday, July 4
- Arts & Crafts Street Fair Wednesday, July 8
- Falmouth Sprint Triathlon Sunday, July 12
- Harbor Light Illumination Concert Series Saturday, July 18
- Classic Car Show Sunday, July 19
- Rockin' Recovery Concert Wednesday, July 29
- Concerts in the Park Fridays, July 10, 17, 24, 31
- Art Market Thursdays, July 2, 9, 16, 23, 30
- United Methodist Church Sunday Worship Sundays, July 5, 19
- Barnstable County Fair Wednesday-Tuesday, July 22-28

August Events

- Coast Fest Saturday, August 1
- Butterfly Garden Day at Spohr Gardens Saturday, August 8

- Classic Car Show Sunday, August 9
- Harbor Light Illumination Concert Series Saturday, August 15, 29
- The Falmouth Walk (virtual) Saturday, August 15
- Falmouth Road Race (virtual) Sunday, August 16
- United Methodist Church Sunday Worship Sundays, August 2, 9, 23, 30
- Movies in the Park Wednesdays, August 5, 12, 19, 26
- Art Market Thursdays, August 6, 13, 20, 27
- Shakespeare at the Bandshell August 8, 10-12, 17-19, 21-23

September Events

- Rotary Club Craft Fair (virtual) Saturday, September 5 & Sunday, September 6
- Pedal to Parcels Sunday, September 20
- Autumn Escape Bike Trek (virtual) Friday, September 25
- Striper Fest (virtual) Saturday, September 26
- Zooma Race (virtual) Sunday, September 27

October Events

- Jazz Stroll (virtual) Saturday, October 17
- Ride for Homes Saturday, October 24
- Cape Cod Marathon (virtual) Saturday, October 24 & Sunday, October 25

November Events

- Falmouth in the Fall Road Race Sunday, November 1

December Events

- Holiday Stroll Saturday, December 5
- Christmas Parade (virtual on FCTV) Sunday, December 6

Notes for 2021 Special Events

“Penciled in” event dates so far for 2021:

- Spring at Spohr (May 15)
- Stroll & Roll CCALS (May 15)
- Wounded Warrior Soldier Ride (May 21)
- Liam Maguire’s Almost Five-Miler (May 23) or (October 3?)
- Falmouth Sprint Triathlon (July 11)
- Butterfly Garden Day (Spohr) (August 7)
- The Falmouth Walk (August)
- Rotary Club Craft Fair (September 4 & 5)
- Striper Fest (September 25)
- Cape Cod Marathon (October 30 & 31)

Suggested application process for 2021:

1. Complete application
2. Submit two narratives
 - a. One with a modified event with a Covid safety plan
 - b. One for normal event
3. Submit with filing fee only

BUSINESS

- #9 Discuss and vote 2021 Select Board meeting calendar, including confirming proposed date(s) for joint meeting with the Planning Board in late January/early February

January 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 <i>New Year's Day</i>	2
3	4 <i>Budget Presentation</i>	5	6	7	8	9
10	11 <i>Select Board Meeting</i>	12	13	14	15 <i>Budget due to Finance Committee</i>	16
17	18 <i>Martin Luther King, Jr. Day</i>	19	20	21 <i>MMA Virtual Trade Show</i>	22 <i>MMA Virtual Trade Show</i>	23
24	25 <i>November 2020 Virtual Town Meeting</i>	26	27	28	29	30
31						

February 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Select Board Meeting <i>Vote articles and execute warrant</i>	2	3	4	5	6
7	8 Joint Meeting <i>with Planning Board</i>	9	10	11	12 <i>Publish articles only</i>	13
14 <i>Valentine's Day</i>	15 <i>Presidents' Day</i>	16	17	18	19	20
21	22 Select Board Meeting <i>Petition article presentations</i>	23	24	25	26	27
28						

March 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8 Select Board Meeting <i>Vote article recommendations</i>	9	10	11	12	13
14 <i>Daylight Saving Time begins</i>	15 Joint Meeting	16	17 <i>St. Patrick's Day</i>	18	19	20
21	22 Select Board Meeting <i>Seasonal license renewals</i>	23	24	25	26 <i>Publish warrant with recommendations and mail booklets</i>	27 <i>Passover begins at sundown</i>
28 <i>Palm Sunday</i>	29	30	31			

April 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2 <i>Good Friday</i>	3
4 <i>Easter</i>	5 <i>Select Board Meeting</i>	6	7	8	9	10
11	12 <i>Town Meeting</i>	13	14	15	16	17
18	19 <i>Patriots' Day</i>	20	21	22	23	24
25	26 <i>Select Board Meeting</i>	27	28	29	30	

May 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9 <i>Mother's Day</i>	10 Select Board Meeting	11	12	13	14	15
16	17	18 Town Election	19	20	21	22
23	24 Select Board Meeting <i>Reorganization of the Select Board</i>	25	26	27	28	29
30	31 <i>Memorial Day</i>					

June 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7 <i>Select Board Meeting</i>	8	9	10	11	12
13	14 <i>Flag Day</i>	15	16	17	18	19
20 <i>Father's Day</i>	21 <i>Select Board Meeting Committee Interviews and Reappointments 6:00 p.m. start</i>	22	23	24	25	26
27	28 <i>Select Board Retreat 5:00 p.m. start</i>	29	30			

July 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4 <i>Independence Day</i>	5 <i>Independence Day Observed</i>	6	7	8	9	10
11	12 <i>Select Board Meeting</i>	13	14	15	16	17
18	19	20	21	22	23	24
25	26 <i>Select Board Meeting Announce November 2021 Town Meeting?</i>	27	28	29	30	31

August 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9 <i>Select Board Meeting</i>	10	11	12	13	14
15	16 <i>Joint Meeting</i>	17	18	19	20	21
22	23 <i>Select Board Meeting</i>	24	25	26	27	28
29	30	31				

September 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3 <i>Close Warrant?</i>	4
5	6 <i>Labor Day</i>	7	8	9	10	11 <i>Patriot Day</i>
12	13 Select Board Meeting <i>Capital Plan/Budget Policy Presentation Vote articles and execute warrant?</i>	14	15	16	17 <i>Publish articles only?</i>	18
19	20	21	22	23	24	25
26	27 Select Board Meeting <i>Petition article presentations?</i>	28	29	30		

October 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4 <i>Select Board Meeting</i> <i>Fee Hearing</i> <i>Vote article</i> <i>recommendations?</i>	5	6	7	8	9
10	11 <i>Columbus Day</i>	12	13	14	15	16
17	18 <i>Joint Meeting</i>	19	20	21	22 <i>Publish warrant with</i> <i>recommendations</i> <i>and mail booklets?</i>	23
24	25 <i>Select Board Meeting</i>	26	27	28	29	30
31						

November 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 <i>Election Day</i>	3	4	5	6
7 <i>Daylight Saving Time ends</i>	8 Select Board Meeting	9	10	11 <i>Veterans' Day</i>	12	13
14	15 Town Meeting?	16	17	18	19	20
21	22 Select Board Meeting <i>Annual license renewals</i>	23	24	25 <i>Thanksgiving</i>	26 <i>Day after Thanksgiving</i>	27
28 <i>Hanukkah begins at sundown</i>	29	30				

December 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6 <i>Select Board Meeting</i> <i>Annual license renewals</i>	7	8	9	10	11
12	13	14	15	16	17	18
19	20 <i>Select Board Meeting</i> <i>Annual license renewals</i>	21	22	23	24 <i>Christmas Day Observed</i>	25 <i>Christmas Day</i>
26	27	28	29	30	31 <i>New Year's Eve</i>	

BUSINESS

#10 Status/update on CDBG-COVID grant to the Town of Falmouth

DHCD CDBG Grant Information

We have been provided a fully executed grant contract as well as cleared any special conditions or additional requests DHCD has had pertaining to the grant. Town Staff as well as EDIC's Michael DiGiano were present at the informational meeting held on Wednesday 12/16 from 9:30AM-12(noon). This program is for 18 months but it is expected that the money be used as quickly as needed for COVID-19 relief.

Moving forward one additional public hearing will need to be scheduled in the upcoming months to allow the public to provide input on how they feel the program is operating. In addition, quarterly reports will be due to DHCD through their online portal on the 15th day following the end of the quarter that will outline the accomplishments for that quarter. DHCD is requiring a separate account be created for the grant money and for the agencies to provide invoices and a brief explanation for their expenses. This is partly to ensure the grant is covering costs it should be as well as confirm that the money is not being used on items covered by other grants. To help with the issue of duplication of benefits business owners will need to sign a duplication of benefits agreement stating they are not doing so.

The grant is for \$320,000 of which \$160,000 will be for the Falmouth Service Center for the Public Social Services portion of the grant. The money will be for expenditures such as expected increased food needs for Falmouth residents due to Covid-19. In addition, \$35,000 of the will also be for vocational assistance for Falmouth residents.

The EDIC's portion of the grant will have applications for businesses that employ 5 people or less at the time of application (deemed by head count therefore inclusive of part time and full time). The application will require businesses to show they are low to moderate income ($\leq 80\%$ AMI based on household size) and can be done so by showing 2018 or 2019 tax returns if other information is not feasible to show their income level. Applicants will also be required to state race and ethnicity. The applicant will also need to document and provide evidence of a loss of equal or greater amounts than the amount they are asking for and it must be specifically COVID-19 related. To further emphasize that point there will be an agreement in place with each applicant that states if the applicant is falsifying information or using funds for unallowable expenses then they will be required to repay the funds.

These funds for businesses can be used for items ranging from general operating costs such as rent, staffing, and utilities to paying for direct COVID-19 related costs such as PPE or video equipment to provide remote services.

BUSINESS

#11 Status/update on the issuance of winter season temporary outdoor restaurant service licenses

Winter Season Temporary Outdoor Seating (December 16, 2020 to March 31, 2021)

The following restaurants applied for temporary outdoor seating for the winter season, and after a posted public comment period on the Town website (Select Board page and Town Manager page) beginning on November 23, and staff review, the licenses were issued on December 16:

1. Bucatino's Restaurant and Wine Bar, 7 Nathan Ellis Highway, North Falmouth
2. C Salt Wine Bar & Grille, 75 Davis Straits, Falmouth
3. Chapoquoit Grill, 410 West Falmouth Highway, West Falmouth
4. Liam Maguire's Irish Pub, 273 Main Street, Falmouth
5. Mary Ellen's Portuguese Bakery, 829 Main Street, Falmouth
6. Pickle Jar Kitchen, 170 Main Street, Falmouth
7. Quarterdeck Restaurant, 164 Main Street, Falmouth
8. The Conference Table, 205 Worcester Court, Falmouth
9. Grumpy's Pub, 29 Locust Street, Falmouth
10. Anchor Ale House, 100 Davis Straits, Falmouth
11. Crabapple's, 553 Palmer Avenue, Falmouth

Notice of Public Comment Period

Applications for Temporary Outdoor Seating – Winter Season – December 16, 2020 – March 31, 2021

The Select Board is accepting public comments on the following restaurants that have applied for Winter Season temporary outdoor table service:

Please email comments by Monday, December 7, 2020 to: townmanager@falmouthma.gov.

- Bucatino's Restaurant and Wine Bar, 7 Nathan Ellis Highway, North Falmouth
- C Salt Wine Bar & Grille, 75 Davis Straits, Falmouth
- Chapoquoit Grill, 410 West Falmouth Highway, West Falmouth
- Liam Maguire's Irish Pub, 273 Main Street, Falmouth
- Mary Ellen's Portuguese Bakery, 829 Main Street, Falmouth
- Pickle Jar Kitchen, 170 Main Street, Falmouth
- Quarterdeck Restaurant, 164 Main Street, Falmouth
- The Conference Table, 205 Worcester Court, Falmouth

Update: 12/1/20

- Grumpy's Pub, 29 Locust Street, Falmouth

Update: 12/2/20

- Anchor Ale House, 100 Davis Straits, Falmouth

Update: 12/4/20

- Crabapple's, 553 Palmer Avenue, Falmouth

BUSINESS

#13 Town Manager's report

REPORT

TO: Falmouth Select Board

FROM: Julian M. Suso

DATE: December 18, 2020



- The Board will convene in executive session at 6:30PM on Monday, December 21 for an update/discussion on the matter of the Town Manager's employment contract.
- I am asking the Board's consideration of approving the appointment of Mr. Cathal O'Brien to the position of water superintendent for the Town. Mr. O'Brien meets and exceeds all critical requirements for this very important position which directly effects the health and safety of the Falmouth community. His resume has been provided to the Board under separate cover with your Board packet.
- The Board will be hearing reports from two Committees, Waterways and Water Quality Management. WQMC is particularly time sensitive given emerging future issues and expanding requests for the Board (subject to mandatory DEP approval) to consider "enlarging" the approved service area for the Little Pond Sewer system expansion. I anticipate that next calendar year the Board will be further discussing this challenging and sensitive issue of service area "enlargement" which has multiple pros and cons of strategic impact to the Town and merits approaching with appropriate caution.
- Following through on the next steps in moving to secure a Green Communities designation for the Town, I will be asking the Board to consider voted action to approve a proposed Energy Reduction Plan which is the latest requirement for such designation.
- I will update the Board on the status of the recently-confirmed receipt by the Town of the State CDBG-COVID grant for \$320,000 to fund a limited (\$156,000) "microenterprise" grant program for eligible small businesses in collaboration with EDIC as well as a social services component (\$160,000) in support of the critical services provided by the Falmouth Service Center during this pandemic.
- Work continues on the collaborative effort to deliver a virtual Town Meeting on January 25. Work also continues on the FY22 Budget.
- Town Hall and Town administrative offices will be closed on Friday, December 25 for the Christmas Holiday and Friday, January 1 for the New Year's Holiday.