

REVISED

Added: Executive Session – B – To Consider the Purchase of Real Property

Added: Old Business – B – To Authorize Renovations within the Arts Center by the Cape Cod Theatre Company

Originally Posted at 3:47 P.M., March 11, 2021

Revised Posting 1:10 P.M., March 12, 2021

SELECTMEN'S MEETING AGENDA*

Executive Session 6:00 P.M.

Regular Meeting 6:30 P.M.

Monday, March 15, 2021

REMOTE PARTICIPATION ONLY
OPEN PUBLIC FORUM – PLEASE READ

1. First, send an email to: comment@town.harwich.ma.us (send emails at any time after the meeting agenda has been officially posted)
 - a. In the subject line enter "request to speak, your name"
 - b. In the body of the email please indicate which specific agenda item you wish to speak on.
No further detail is necessary.
 2. The meeting will close to new attendees promptly at the scheduled start time for the meeting, generally 6:30pm. It will remain closed to new attendees until agenda items with scheduled speakers are reached. This is to minimize interruptions. You may join prior to (6:30) or when the meeting has been opened up. You may participate using your computer and the GoToMeeting interface or simply using your phone. Connection information can be found below.
 3. After the Chairman has opened the floor to those wishing to speak callers will be taken in the order the emails are received.
Use *6 to mute and unmute your phone
- When you join the meeting by phone you should turn off Channel 18 or your computer if streaming the meeting.

Mon, Mar 15, 2021 6:30 PM

Please join my meeting from your computer, tablet or smartphone.

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United States: [+1 \(571\) 317-3122](tel:+15713173122)

Access Code: 753-803-565

I. CALL TO ORDER

II. EXECUTIVE SESSION

- A. Pursuant to M.G.L. c. 30A section 21 (a) paragraph 3 to discuss with respect to collective bargaining for Harwich Employees Association (HEA) if an open session would have a detrimental effect on the town's bargaining position and the Chair so declares
- B. **Exemption 6, the chair declares that this agenda item was not reasonably anticipated at the time of the executive session agenda posting. To consider the purchase of real property if the chair declares that an open session would have a detrimental effect on the negotiating position of the Board of Selectmen, and further, the chair has determined that this item was not reasonably foreseeable.**

III. PLEDGE OF ALLEGIANCE

IV. WEEKLY BRIEFING

- A. COVID-19 Updates
- B. Update on ongoing efforts by the Town in support of the business community

V. PUBLIC COMMENTS/ANNOUNCEMENTS

- A. The Harwich Fund Presentation

VI. DEPARTMENTAL BUDGET HEARINGS - JOINT MEETING WITH FINANCE COMMITTEE

- A. Finance (Assessor, Accounting, Tax)
- B. Information Technology
- C. Library
- D. Engineering

VII. CONSENT AGENDA

VIII. NEW BUSINESS

- A. Discussion and vote to affirm the Town Administrator's appointment of Kathleen A. O'Neill, Sc. D., R.S. as Health Director
- B. Vote to approve Board of Selectmen minutes from January 27, 2020
- C. Vote to approve 2021 Seasonal Common Victualler license renewals
 1. 554 Street Bar DBA Three Monkeys – 554 Route 28, Unit B
 2. MT Group LLC DBA Mad Minnow Bar and Kitchen – 554 Route 28
- D. Vote to approve 2021 Seasonal All Alcohol liquor license renewals
 1. 554 Street Bar DBA Three Monkeys – 554 Route 28, Unit B
 2. Mt Group LLC DBA Mad Minnow Bar and Kitchen – 554 Route 28
 3. Phoenix Park Inc. DBA The Irish Pub – 126 Route 28
- E. Vote to approve 2021 Seasonal Lodging House license renewal
 1. Gingerbread House – 141 Division Street

IX. **OLD BUSINESS**

- A. Discussion and possible vote – Proposed article to allow a permanent easement to Cellco Partnership (d/b/a Verizon Wireless) on the Town-owned property located on Harbor Road, Harbor Road, Assessor’s Parcel 15-U23
- B. Discussion and possible vote to authorize repair of the floor within The Arts Center located at 265 Sisson Road requested by the Cape Cod Theatre Company – approval of plans and specifications as provided
- C. Discussion and possible vote – Town Administrator’s update on the FY2022 Monomoy Regional School District Budget
- D. Discussion and possible vote –draft warrant for 2021 Annual Town Meeting
 - 1. Amend the Town Seal
 - 2. Wastewater Special Purpose Stabilization Fund
 - 3. Rescind past articles and authorize sale of 5 Bells Neck Road
 - 4. Promote the Town of Harwich
 - 5. Defray costs for Other Libraries
 - 6. Supplemental Allocation for Local Cultural Council
 - 7. Herring Fisheries
- E. Ongoing discussion – Comprehensive Wastewater Management Plan (CWMP)
 - 1. Dennis Harwich Yarmouth Clean Waters Community Partnership Agreement (DHY) Cost Review
- F. Discussion and possible vote - request extension of time for third installment payment of Capacity Purchase Fee, Section 3 Intermunicipal Agreement (IMA) between Chatham & Harwich for wastewater collection and treatment

X. **CONTRACTS**

XI **TOWN ADMINISTRATOR’S REPORT**

XII. **SELECTMEN’S REPORT**

XIII. **ADJOURNMENT**

**Per the Attorney General’s Office: The Board of Selectmen may hold an open session for topics not reasonably anticipated by the Chair 48 hours in advance of the meeting following “New Business.” If you are deaf or hard of hearing or a person with a disability who requires an accommodation contact the Selectmen’s Office at 508-430-7513.*

Authorized Posting Officer:

Patricia Macura, Executive Assistant

Posted by: _____
Town Clerk

Date: _____
March 11, 2021

WEEKLY BRIEFING



Town of Harwich Board of Health

732 Main Street Harwich, MA 02645
508-430-7509 – Fax 508-430-7531
E-mail: health@town.harwich.ma.us

March 12, 2021

Weekly COVID-19 Case Update

CASES AND STATISTICS

To date there have been a total of 587 cases of COVID-19 in the Town of Harwich. As of today, we are following 5 active cases of COVID-19 in Harwich residents. Our positivity rate 1.65% which is determined by the number of tests administered. There were 911 tests administered and 15 tests were positive in the last 19 weeks. We have been designated as “green” which indicates we have less than 10 cases per 100K and greater than 10 total cases.

VACCINE UPDATE

The Baker-Polito Administration announced a new preregistration signup tool will be available for the state’s 7 mass vaccination sites starting Friday, March 12. The new system will make it easier to request and book an appointment at a mass vaccination site at a nearby location when they are available. More sites will be added to the preregistration system in the coming weeks. When preregistration launches on Friday, it will replace the current booking platforms for mass vaccination sites for online booking. The COVID-19 Vaccine Scheduling Resource Line will be available to help residents without internet access or with difficulty using the internet with the preregistration process.

The Administration also announced the weekly distribution of vaccine doses statewide for different providers, reminding residents that there are 170 public vaccination sites statewide in addition to health systems that are offering appointments to their patients.

More information on vaccine sites can be found at: vaxfinder.mass.gov

The Administration also announced four dedicated educator days at mass vaccination sites and updates on vaccine distribution channels.

State Distribution:

This week, the state will receive a constrained supply of about 155,000 first doses.

This week, first doses and second dose allocations (total doses), were divided among providers as follows:

Mass vaccination sites: 83,000
Hospital Providers (both private and public): 79,000
Regional Collaboratives (12 total): 38,000

Community Health Centers: 25,000

Local Boards of Health (to complete 2nd dose appointments and support 20 disproportionately impacted communities): 25,000

Educator Vaccination Days

On March 11, pursuant to a federal directive, approximately 400,000 K-12 educators, childcare workers and K-12 school staff are eligible to receive COVID-19 vaccine in Massachusetts.

K-12 educators, childcare workers and K-12 school staff may receive vaccine from any of the 170 public vaccine sites available on mass.gov/covidvaccine.

In an effort to support the Biden-Harris Administration's directive for states to prioritize teacher vaccinations, the Administration will designate 4 days where the state's 7 mass vaccination sites will only offer 1st dose appointments for K-12 educators, child care workers and K-12 school staff.

These dates are: Saturday, March 27, Saturday, April 3, Saturday, April 10 and Sunday, April 11

Workers in this group must use the pre-registration system to request an appointment at one of the seven mass vaccination sites and attest they are a K-12 educator, childcare worker or K-12 school staff.

LOCAL EFFORTS

Cape Cod COVID-19 Vaccine Consortium, comprised of Cape Cod Healthcare (CCHC), Barnstable County (BC), Cape Cod Delegation, the towns and community health centers of Cape Cod, with support from Cape Cod Community College (4Cs), have established a large-scale vaccination site at the Cape Cod Community College gymnasium. Cape Cod Healthcare and Barnstable County Department of Health and Environment will operate the vaccination site as of March 1. It will have the capacity to administer more than 750 vaccines per day, five days per week, pending supply from the state.

With support from councils on aging, police, fire, and other departments in their respective towns, local boards of health are working to identify the most vulnerable older adults in each of their individual municipal boundaries. Elder Services of Cape Cod (the region's ASAP) is also being consulted to cross-reference and reach all vulnerable older adults.

The most up to date and valuable information on vaccination is found at: <https://www.barnstablecountyhealth.org/vaccine-information>

HOMEBOUND and VULNERABLE POPULATIONS

Boards of health within each town will identify vulnerable older adults by town via the below plan to efficiently administer the vaccine to older adults left behind by the current vaccine offerings. Vulnerable older adults will be identified into two tracks:

1. Track One: Individuals who need assistance making a vaccination appointment but are able to travel to Cape Cod Community College. Track One individuals include those who are medically vulnerable and/or with limited computer abilities or access.

a. This list will be provided to Cape Cod Healthcare, who will proactively reach out to and schedule these appointments at the Cape Cod Community College site.

2. Track Two: Individuals who are homebound, who do not drive, reside in senior housing, have other confining/limiting factors, etc.

a. This list will be provided to Catchment Area Leads (Outer Cape Health Services; Community Health Center of Cape Cod; Town of Barnstable), who will proactively reach out to and schedule appointments at community health centers, home visits, regional sites, or another location. Homebound is defined as Residents of Barnstable County that have functional impairments that prevent them from leaving their homes. This population generally includes older people with lower-than-average income levels and serious medical problems like dementia, advanced heart conditions, or arthritis. Pertaining to COVID-19, this elder residential demographic is designated as homebound due to these medical challenges/disabilities.

TRAVEL ORDER UPDATE

Persons Who Have Been Completely Vaccinated for COVID-19: Individuals who have received two doses of either the Moderna or Pfizer COVID-19 vaccines OR who have received a single dose of the Janssen vaccine, more than 14 days ago and who do not have symptoms, do not need to obtain a negative test prior to traveling to, or quarantine upon arrival to, Massachusetts. COVID-19 vaccinated individuals arriving in Massachusetts must have documentation of their vaccination(s), including the date(s) of administration, available if asked. This exception does not include vaccinated individuals who have symptoms of COVID-19, who must follow all testing and quarantine guidance outlined in the travel rules.

TESTING

For testing options at Outer Cape Health, please call [508-905-2888](tel:508-905-2888) in advance to make a testing appointment.

Testing is available in other locations 7 days per week through Cape Cod Healthcare. Call the Community Testing Line at 508-534-7103 to make an appointment.

Meggan Eldredge
Assistant Town Administrator/Interim Health Director

PUBLIC HEARINGS

PRESENTATIONS

The Harwich Fund – of The Cape Cod Foundation

Harwich Helping Harwich – 2021-Q1 Update

- What is the Harwich Fund?

- With a motto of “Harwich Helping Harwich”, the Harwich Fund is a **permanent endowment** with a mission of **giving grants to non-profits that serve the unmet needs of the Harwich community**.
- The Harwich Fund, operates under the umbrella **of The Cape Cod Foundation**, which has a 32-year track record of grantmaking experience and civic leadership in the Cape Cod community.
- Since it was launched in May 2020, The Harwich Fund has grown from 2 to **over 50 donors**.

- What is the The Harwich Fund’s focus?

- The initial focus of the Harwich Fund will be on **health and human services for youth, families and seniors** of our town. In the future, we expect to address additional areas such as our community’s **important historic, cultural and environmental areas**.
- The goal of the Harwich Fund is **to strengthen the critical framework that supports and improves our Harwich community**.
- The Harwich Fund **actively promotes local philanthropy**. It champions an easy, effective and proven way for each of us to help build a more sustainable, permanent endowment **that will make a difference for the Harwich of today and the future**.

The Harwich Fund
Advisory Committee:

Cheryl Barnes
Jake Brown
Rich Cogen

Paul Doane
Tom Evans
Charlie Helliwell

Jack Roessner
Brian Scheld, Chair
Bonnie Scott

The Harwich Fund – of The Cape Cod Foundation

Harwich Helping Harwich – 2021-Q1 Update

- Focusing on COVID-19 impacts, The Harwich Fund delivered three grants in 2020-Q4 totaling over \$6,500 focused on Harwich Youth and Young Families
 - **Friends of Monomoy Early Childhood Advisory Council** (Lucy Gilmore, Monomoy Family Resource Coordinator) – a grant of \$1,750 was made to purchase supplies for *Family Activity Kits*, a virtual program aimed to help 3–5-year-old Harwich children make projects at home which ordinarily would be completed in a classroom or daycare setting (prior to COVID-19 restrictions). This grant will help over one hundred Monomoy families.
 - **The Harwich Children’s Fund** (Sheila House, Youth & Family Services Counselor)– a grant of \$4,300 was made to purchase almost 200 coats and boots for the *2020 Outerwear Drive* program designed for Harwich students ages 5-18 in need of winter clothing.
 - **The Children’s Center (of Harwich Port)** (Abby Newberry-West, Director)– a grant of \$535 was given for purchases for the *2020 Playground Equipment* project in order to support the recent re-opening of the day care center. Due to COVID-19, children are not able to play with the same equipment at the same time. This grant will provide multiple sets of the same, easy to clean playground toys in order to keep the children safe, have fun experiences and work on gross motor skills while on the playground.



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DEPARTMENTAL
BUDGET HEARINGS
JOINT MEETING
WITH
FINANCE
COMMITTEE

Town Administrator's Proposed Budget

Town of Harwich BUDGET 2022

Budget

Budget

Line #	SOURCES OF FUNDS	FY 2021	FY 2022	%
1	Tax Levy Limit (R/E & PP)	53,357,522	55,648,711	4.3%
2	Local Receipts	11,986,520	12,680,198	5.8%
3	<u>State Aid</u>			
4	Cherry Sheet	664,352	667,067	0.4%
5	Overlay Surplus	200,000	200,000	0.0%
6	<u>Transfers:</u>			
7	Total Transfers In from Other Sources:	2,713,239	2,184,137	-19.5%
8	TOTAL SOURCES	68,921,633	71,380,114	3.6%
9	USES OF FUNDS			
10	<u>Charges:</u>			
11	State-Cherry Sheet Charges (ccc & BC Tax)	764,539	778,830	1.9%
12	Overlay (Abatements- Taxes)	400,000	450,000	12.5%
13	<u>TOTAL CHARGES</u>	<u>1,123,358</u>	<u>1,228,830</u>	<u>9.4%</u>
14	<u>NET AVAILABLE Sources</u>	<u>67,798,275</u>	<u>70,151,284</u>	<u>3.5%</u>
15	Town Operating Budget	25,739,671	25,895,226	0.6%
16	<u>Semi-Fixed Cost</u>			
17	Barnstable County Retirement	3,144,894	3,242,673	3.1%
18	Debt Service	4,617,408	5,178,305	12.1%
19	Health Insurance	4,833,551	4,938,071	2.2%
20	OPEB	-	250,000	100.0%
21	Property & Liab. Insurance	874,470	897,726	2.7%
23	Unemployment	20,000	20,000	0.0%
24	Total Fixed Cost	13,490,322	14,526,775	7.7%
25	Cape Cod Tech HS	1,737,789	1,536,309	-11.6%
26	Monomoy Regional School District	26,820,046	27,667,807	3.2%
27	TOTAL USES	68,911,186	70,854,947	2.8%
29	NET SOURCES & USES	\$ 10,447	\$ 525,166	

**BUDGET
FY 2022 REVENUES**

	Actual FY2018	Actual FY2019	Actual FY2020	Budget FY2021	TA Proposed FY2022	% Change
Real Estate & Personal Property Taxes	\$46,774,148	\$50,127,321	\$51,445,928	\$53,299,729	\$55,648,711	4.4%
Local Receipts:						
Excise Tax	2,372,767	2,407,537	2,294,565	1,925,000	2,025,000	5.2%
Hotel/Motel & Meals	1,098,022	1,124,753	1,350,894	671,000	915,000	36.4%
Ambulance	1,452,109	1,664,188	1,601,026	1,600,000	1,600,000	0.0%
Waste Disposal	3,110,693	3,372,701	3,209,426	3,002,500	3,102,500	3.3%
Beach, Recreation & Youth	413,637	435,548	425,634	330,000	362,500	9.8%
Harbors & Landings	929,773	806,754	1,173,879	1,024,500	1,059,500	3.4%
Golf Operations	1,856,221	1,895,899	1,518,934	1,585,000	1,800,000	13.6%
Other Local Receipts	2,231,851	3,016,935	2,618,408	1,848,520	1,815,698	-1.8%
Total Local Receipts	13,465,072	14,724,316	14,192,766	11,986,520	12,680,198	5.8%
State Aid:						
Cherry Sheet	705,430	676,162	1,792,161	664,352	667,067	0.4%
Other:						
Free Cash	305,244	378,038	639,034	353,943	833,591	135.5%
Stabilization Fund				574,171	-	0.0%
Overlay Surplus	100,000	100,000	200,000	200,000	200,000	0.0%
Harbor Capital Improvement - Wychmere	110,930	62,808	72,227	0	0	0.0%
Cable Fund (Comcast)	143,417	156,450	144,398	210,107	210,100	0.0%
Septic Loan	17,358	17,358	13,574	17,171	6,121	-64.4%
Water Enterprise Indirect Costs	650,178	732,843	720,295	730,290	727,304	-0.4%
Sewer Enterprise Indirect Costs					31,446	0.0%
FEMA	13,508	13,608	13,815	13,855	13,855	0.0%
Road Betterments	49,194	58,277	56,973	51,100	55,166	8.0%
Allan Harbor Betterments	185,550	182,250	29,325	98,508	0	0.0%
Golf Infrastructure Revitalization Fund		139,000	249,000	108,200	104,950	-3.0%
Golf Improvement Fund				100,000	0	0.0%
SAQ Mooring		101,188	136,888	50,000	0	0.0%
SAQ Waterways		136,888	101,188	50,000	0	0.0%
CPA Funds (Land Bank)	608,950	588,750	553,700	341,750	233,050	-31.8%
Dog License Fund				2,144	0	0.0%
Town Clerk State Aid		15,585		12,000	0	0.0%
Total Revenue	\$63,128,979	\$68,210,840	\$70,361,273	\$68,863,840	\$71,411,560	3.7%

TOWN OF HARWICH
Local Receipts

Local Receipts General Fund	Actual FY2018	Actual FY2019	Actual FY2020	Budget FY2021	Budget FY2022	2020 vs 2022 Variance
010004 432029 PRIOR YEAR RECOVERY	-	-	9,252	-	-	9,252
010004 458902 FEMA SNOW REIMBURSEMENT	-	-	46,865	-	-	46,865
010004 481005 CC REG TECH FEE(RES OFFICER)	20,000	20,000	20,000	20,000	20,000	-
010004 484099 GEN FUND MISC REVENUE	(3,912)	156,569	180,768	82,760	83,538	97,230
TOTAL GENERAL FUND - MISC REVENUE	16,088	176,569	256,886	102,760	103,538	153,348

011224 SELECTMEN - REV

011224-432003 PHOTOCOPIES	-	5,000	29	-	-	29
011224-436008 OLD REC BLDG/JR THEATER LEASE	11,388	4,015	4,862	5,000	5,000	(138)
011224 436005 FRANCISE FEES	39,614	82,154	-	-	-	-
011224 441000 LIQUOR LICENSES	69,616	73,178	67,214	65,000	65,000	2,214
011224 442001 HOTEL, MOTEL, INN	785	750	800	700	700	100
011224 442004 JUNK COLLECTOR, DEALER	140	105	35	100	100	(65)
011224 442005 USED CAR DEALER	2,200	2,100	900	1,000	1,000	(100)
011224 442006 AMUSEMENT DEVICE LICENSE	100	-	-	-	-	-
011224 442009 ENTERTAINMENT LICENSE	3,990	3,775	3,535	3,500	3,500	35
011224 442012 COMMON VICTUALER LICENSE	2,250	2,000	2,150	2,000	2,000	150
011224 445016 VEHICLE REPAIRMAN	-	-	1,100	-	-	1,100
011224 45005 MISCELLANEOUS LIC/PERMITS	60	60	60	60	60	-
011224 469900 OTHER STATE REVENUE	-	-	-	-	-	-
011224 484012 INSURANCE RECOVERY	-	-	74,758	-	-	74,758
TOTAL SELECTMEN - REV	130,143	173,137	155,443	77,360	77,360	78,083

011414 432003 PHOTOCOPIES	856	1,007	794	850	850	(57)
011414-432045 ABUTTERS FEES	9,262	11,284	10,938	11,000	11,000	(62)
TOTAL ASSESSORS - REV	10,118	12,291	11,732	11,850	11,850	(119)

011454 TREASURER - REV

011454 432003 PHOTOCOPIES	26	-	-	-	-	-
011454 432007 BOUNCED CHECK FEE	750	525	725	500	500	225
011454 482001 INVESTMENT REVENUE	157,972	281,825	213,117	100,000	100,000	113,117
011454 484099 MISCELLANEOUS REVENUE	-	14,737	2,696	-	-	2,696
TOTAL TREASURER - REV	158,748	297,088	216,537	100,500	100,500	116,037

011464 COLLECTOR REV

011464-414200 TAX TITLE	254,864	351,715	235,130	-	-	235,130
011464-414400 TAX DEFERRED REDEEMED	-	6,207	11	-	-	11
011464 417001 PEN & INT REAL ESTATE TAXES	106,388	117,964	94,988	100,000	100,000	(5,012)
011464 417002 PEN & INT PERS PROP TAXES	10,724	12,495	8,353	8,000	8,000	353
011464 417003 PEN & INT MV EXCISE TAXES	107,332	101,383	73,664	75,000	75,000	(1,336)
011464 417004 PEN & INT BOAT EXCISE TAXES	2,428	4,535	2,619	2,000	2,000	619
011464 417005 PEN & INT TAX TITLE	152,658	237,586	109,095	100,000	100,000	9,095
011464 417006 PEN & INT DEFERRED TAXES	1,176	4,373	57	-	-	57
011464 417009 PENALTY & INTEREST LAND BANK	-	-	-	-	-	-
011464 417010 PEN & INT SEPTIC BETTERMENT	1,036	-	-	-	-	-
011464 417013 INTEREST CPC	-	-	-	-	-	-
011464 418001 IN LIEU OF TAXES LOCAL	58,616	61,960	62,471	55,000	55,000	7,471
011464 432008 MARKING FEES	10,680	10,320	8,160	10,000	10,000	(1,840)
011464 432009 MUNICIPAL LIEN CERTIFICATES	18,375	18,425	26,200	18,000	18,000	8,200
011464 484001 MISC	-	(20)	1	-	-	1
TOTAL COLLECTOR - REV	724,276	926,942	620,749	368,000	368,000	252,749

011614 TOWN CLERK - REV

011614 432003 PHOTOCOPIES	1,115	454	477	500	500	(23)
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**TOWN OF HARWICH
Local Receipts**

Local Receipts General Fund	Actual FY2018	Actual FY2019	Actual FY2020	Budget FY2021	Budget FY2022	2020 vs 2022 Variance
011614 432011 DOG LICENCES	14,289	13,530	12,035	12,000	12,000	35
011614 432039 UTILITY POLES	40	320	-	100	100	(100)
011614 442017 BIRTH, MARRIAGE, DEATH CERT	16,240	21,140	17,640	16,000	16,000	1,640
011614 442018 BUSINESS CERTIFICATE	3,800	4,920	3,450	3,000	3,000	450
011614 442020 MEDICAL CERTIFICATES		-				-
011614 445002 RAFFLE PERMIT	120	60	40	50	50	(10)
011614 445007 GASOLINE STORAGE	375	350	250	300	300	(50)
011614 445015 BURIAL	1,120	1,530	1,370	1,000	1,000	370
011614 468500 INCREASE POLLING HOURS						-
011614 477000 NON CRIMINAL FINES FIRE	300	-	-	-	-	-
011614 477001 NON CRIMINAL FINES POLICE	125	100	325	-	-	325
011614 477002 NON CRIMINAL FINES HEALTH	-	25	2,150	-	-	2,150
011614 477006 NON CRIMINAL FINES HARBOR	500	50	100	-	-	100
011614 477007 NON CRIMINAL FINES CONSERVAT	1,500	2,100	11,400	1,500	1,500	9,900
011614 484099 TOWN CLERK MISC		62	900			900
TOTAL TOWN CLERK - REV	39,524	44,641	50,137	34,450	34,450	15,687
011714 CONSERVATION - REV						-
011714 432038 GARDEN PLOTS	2,983	3,140	3,280	2,900	2,900	380
011714 436003 BOG LEASE	4,780	5,211	3,804	4,000	4,000	(196)
011714 437001 HEARINGS	10,661	10,333	9,120	10,000	7,500	1,620
011714 484099 COMSERV MISC REVENUE	5,420	3,845	4,050	3,500	3,500	550
TOTAL CONSERVATION - REV	23,844	22,529	20,254	20,400	17,900	2,354
011744 TOWN PLANNER - REV						-
011744 432003 PHOTOCOPIES	20					-
011744 432040 PLANNING LOCAL FILING FE	9,458	6,100	5,990	6,000	6,000	(10)
011744 437001 HEARINGS	16,786	36,037	37,785	25,000	25,000	12,785
011744 445005 MISC LICENSES/PERMITS	265	265	265	-	-	265
TOTAL TOWN PLANNER - REV	26,529	42,402	44,040	31,000	31,000	13,040
011764 BOARD OF APPEALS - REV						-
011764 437001 HEARINGS	10,395	15,120	12,600	10,000	10,000	2,600
TOTAL BOARD OF APPEALS - REV	10,395	15,120	12,600	10,000	10,000	2,600
011994-421000 CVEC ELECTRIC FEES	270,608	272,162	288,800	275,000	275,000	13,800
012104 POLICE - REV						-
012104 432015 POLICE ADMINISTRATION FEES	59,684	57,201	45,625	45,000	45,000	625
012104 432016 POLICE INSURANCE CO FEES	-	-	-	-	-	-
012104 432017 USE OF CRUISER POLICE	10,370	6,570	13,240	6,500	6,500	6,740
012104 445003 GUN PERMITS	6,525	5,525	6,400	5,400	5,400	1,000
012104 468000 REG OF MV FINES	6,589	8,714	4,899	4,500	4,500	399
012104 469501 COURT FINES	825	968	1,215	800	800	415
012104 477004 PARKING VIOLATIONS	-	375	665	-	-	665
012104 477005 RESTITUTION		-	-	-	-	-
TOTAL POLICE - REV	83,993	79,353	72,044	62,200	62,200	9,844
012204 FIRE - REV						-
012204 432003 PHOTOCOPIES	100	230	125	-	-	125
012204 432018 FIRE/OIL BURNER INSPECTIONS	37,240	39,820	39,130	35,000	35,000	4,130
12204 4445006 BURN PERMITS	5,040	4,750	2,349	3,000	3,000	(651)
012204 445005 MISCELLANEOUS LICENSES/PERMITS	3,770	2,860	3,270	2,500	2,500	770
012204 445007 GASOLINE STORAGE	310	1,120	225	500	500	(275)
012204 469900 OTHER STATE REVENUE		63,565	6,800			6,800
012204 484099 MISCELLANEOUS REVENUE	2,875	2,925	2,275	-	-	2,275
TOTAL FIRE - REV	49,335	115,270	54,174	41,000	41,000	13,174

**TOWN OF HARWICH
Local Receipts**

Local Receipts General Fund	Actual FY2018	Actual FY2019	Actual FY2020	Budget FY2021	Budget FY2022	2020 vs 2022 Variance
012314 AMBULANCE - REV						-
012314 437000 AMBULANCE FEES	1,452,109	1,664,188	1,601,026	1,600,000	1,600,000	1,026
TOTAL AMBULANCE - REV	1,452,109	1,664,188	1,601,026	1,600,000	1,600,000	1,026
012414 BUILDING - REV						-
012414 432003 PHOTOCOPIES	1,649	1,679	1,123	1,600	1,600	(477)
012414 432019 BUILDING INSPECTION	3,966	6,210	171	1,000	1,000	(829)
012414 432048 BLDG. APPLICATION FEES	-	-	-	-	-	-
012414 455008 BUILDING PERMITS	278,699	394,330	371,296	350,000	350,000	21,296
012414 455009 SIGN PERMITS	2,695	3,125	2,025	2,500	2,500	(475)
012414 455010 DEMO PERMITS	-	-	-	-	-	-
012414 455011 RENTAL DENSITY PERMIT	1,100	2,900	1,750	1,000	1,000	750
012414 455012 HVAC SHEET METAL	-	-	41,110	-	-	41,110
012414 477000 NON CRIMINAL FINE	-	-	340	-	-	340
012414 494099 MISC REVENUE + Trenching	3,565	4,445	-	-	-	-
TOTAL BUILDING - REV	291,674	412,689	417,815	356,100	356,100	61,715
012424 GAS INSPECTION - REV						-
012424 432020 GAS INSPECTION &Trench Permits	47,545	53,595	57,550	50,000	50,000	7,550
TOTAL GAS INSPECTION - REV	47,545	53,595	57,550	50,000	50,000	7,550
012434 PLUMBING						-
012434 432021 PLUMBING INSPECTION	49,765	61,040	58,945	55,000	55,000	3,945
TOTAL PLUMBING	49,765	61,040	58,945	55,000	55,000	3,945
012454 ELECTRICAL REVENUE						-
012454 432023 ELECTRICAL INSPECTION	75,745	86,455	77,471	75,000	75,000	2,471
TOTAL ELECTRICAL REVENUE	75,745	86,455	77,471	75,000	75,000	2,471
012914 468600 EMERGENCY MGMT GRANT						-
012964 445001 SHELLFISH	9,645	9,363	9,466	9,000	9,000	466
014394 WASTE DISPOSAL REVENUE						-
014394 424701 DISPOSAL AREA STICKERS	894,280	896,360	886,605	900,000	900,000	(13,396)
014394 424702 DISPOSAL REGULAR FEES	848,525	917,012	1,008,645	850,000	950,000	58,645
014394 424703 DISPOSAL COMMERCIAL FEES	1,252,243	1,483,134	1,270,694	1,200,000	1,200,000	70,694
014394 427010 RECYCLE NEWSPAPER	25,700	(11,696)	(18,985)	-	-	(18,985)
014394 427011 RECYCLE BOTTLES	16,588	22,662	18,745	12,500	12,500	6,245
014394 427012 RECYCLE OTHER ITEMS	4,352	2,283	1,653	-	-	1,653
014394 427013 RECYCLE METAL	69,005	62,946	42,070	40,000	40,000	2,070
TOTAL WASTE DISPOSAL REVENUE	3,110,693	3,372,701	3,209,426	3,002,500	3,102,500	106,926
015104 BOARD OF HEALTH						-
015104 432003 PHOTOCOPIES	1,638	1,214	952	-	-	952
015104 432025 TEST HOLES	17,600	21,670	15,950	15,000	15,000	950
015104 442001 HOTEL, MOTEL, INN	525	825	675	500	500	175
015104 442002 STABLE	2,640	1,360	1,310	800	800	510
015104 442004 JUNK COLLECTOR/RUBBISH HAULE	1,000	1,250	1,375	1,000	1,000	375
015104 442007 MASSAGE LICENSE	-	-	-	-	-	-
015104 442013 OTHER FOOD SERVICE LICENSE	21,995	19,445	19,410	18,000	18,000	1,410
015104 442014 TOBACCO LICENSE	1,175	1,275	1,350	500	500	850
015104 442015 FUNERAL DIRECTOR LICENSE	150	150	100	-	-	100
015104 445005 MISC LIC/PERMITS	13,300	13,675	12,925	12,000	12,000	925

TOWN OF HARWICH
Local Receipts

Local Receipts General Fund	Actual FY2018	Actual FY2019	Actual FY2020	Budget FY2021	Budget FY2022	2020 vs 2022 Variance
015104 445010 SEPTAGE CARRIER	3,725	3,855	2,875	2,000	2,000	875
015104 445011 SEWERAGE PERMITS	36,315	32,283	30,380	30,000	30,000	380
015104 445012 WELL PERMITS	1,485	1,140	840	1,000	1,000	(160)
015104 445027 SWIMMING POOL	2,850	3,990	3,310	2,000	2,000	1,310
015104 445029 HEALTH INSPECTION FEES	41,317	37,950	38,830	35,000	35,000	3,830
015104 484099 MISC REVENUE/ TRENCH INSP.	6,545	8,290	5,770	5,500	5,500	270
TOTAL BOARD OF HEALTH	152,261	148,372	136,052	123,300	123,300	12,752
015394 CHANNEL 18 TELEVISION STATION						-
015394 432041 VIDEO TAPE COPIES	-	5	-	-	-	-
TOTAL CHANNEL 18 TELEVISION STATION	-	5	-	-	-	-
015404 COMMUNITY CENTER REVENUE						-
015404-432003 PHOTOCOPIES	78	102	60	-	-	60
015404 432044 PROGRAM FEES	2,890	3,815	2,717	2,000	1,000	1,717
015404 42049 PASSPORT FEES	14,570	18,264	12,200	12,000	6,000	6,200
015404 436004 BUILDING USE	20,970	20,435	12,165	10,000	5,000	7,165
015404 484098 COM CENTER WEIGHT ROOM USE	-	-	11,702	15,000	1,000	10,702
TOTAL COMMUNITY CENTER REVENUE	38,508	42,616	38,845	39,000	13,000	25,845
015414 COUNCIL ON AGING						-
015414 432044 PROGRAM FEES	15,684	15,846	12,389	5,000	1,000	11,389
015414 483003 CATERING REVENUE	1,145	2,428	2,684	1,100	-	2,684
TOTAL COUNCIL ON AGING	16,829	18,274	15,073	6,100	1,000	14,073
016104 LIBRARY REVENUE						-
016104 447003 FINES	5,565	5,814	3,026	-	-	3,026
TOTAL LIBRARY REVENUE	5,565	5,814	3,026	-	-	3,026
016304 RECREATION & YOUTH REVENUE						-
016304 427014 BEACH CONCESSIONS	17,798	11,507	12,334	10,000	10,000	2,334
016304 432030 SUMMER PROGRAM FEES	9,425	15,250	7,790	2,000	2,000	5,790
016304 432044 PROGRAM FEES	1,695	2,130	495	500	500	(5)
016304 445013 BEACH STICKERS	296,164	319,246	315,915	275,000	300,000	15,915
016304 445014 BEACH PARKING	88,555	87,415	89,100	42,500	50,000	39,100
TOTAL RECREATION & YOUTH REVENUE	413,637	435,548	425,634	330,000	362,500	63,134
016334 HARBORMASTER REVENUE						-
016334 432042 MOORING AGENT FEES	600	600	1,200	500	500	700
016334 436000 SLIP WAITING LIST FEES	10,064	10,640	11,444	10,000	10,000	1,444
016334 436001 HARBOR FUEL CONCESSION	6,449	7,597	9,316	9,000	9,000	316
016334 436002 ALLEN HARBOR PARKING RENTAL	10,900	10,900	22,785	20,000	20,000	2,785
016334 436010 ARTISAN AND TICKET BOOTH	-	-	9,400	-	5,000	4,400
016334 436012 SNACK SHACK LEASE	-	-	32,737	-	30,000	2,737
016334 436300 SEASONAL DOCKAGE	729,951	551,950	739,889	725,000	725,000	14,889
016334 436400 VISITOR DOCKAGE	112,738	154,163	235,711	200,000	200,000	35,711
016334 445014 PARKING	-	1,970	-	-	-	-
016334 445200 OFFLOAD/WEIR PERMITS	28,106	35,013	40,182	35,000	35,000	5,182
016334 454012 RAMP FEES/PASSES	-	32,142	32,327	25,000	25,000	7,327
016334 469900 OTHER STATE REVENUE	29,285	-	34,425	-	-	34,425
016334 454010 Misc	1,680	1,780	4,464	-	-	4,464
TOTAL HARBORMASTER REVENUE	929,773	806,754	1,173,879	1,024,500	1,059,500	114,379
016914 HISTORIC COMM REVENUE						-

**TOWN OF HARWICH
Local Receipts**

Local Receipts General Fund	Actual FY2018	Actual FY2019	Actual FY2020	Budget FY2021	Budget FY2022	2020 vs 2022 Variance
016914 437001 HEARINGS	715	1,210	770	500	500	270
TOTAL HISTORIC COMM REVENUE	715	1,210	770	500	500	270
016954 GOLF OPERATIONS REVENUE						-
016954 427002 SNACK BAR CONCESSION	-	15,000	-	-	-	-
016954 432031 GREENS FEES	787,622	754,762	500,160	650,000	750,000	(249,840)
016954 432032 DRIVING RANGE	71,523	72,858	55,930	50,000	65,000	(9,070)
016954 432033 PULL CARTS	8,625	8,087	5,239	5,000	5,000	239
016954 432034 RESIDENTS FEES	690,839	718,012	670,032	650,000	700,000	(29,968)
016954 432035 CART RENTAL	246,824	265,011	210,450	200,000	250,000	(39,550)
016954 432046 NON RESIDENT GOLF MEMBERS	32,375	16,765	20,250	20,000	20,000	250
016954 432047 GOLF RANGE MEMBERSHIP	14,500	18,255	12,255	10,000	10,000	2,255
016954 432056 MEMBER CAPITAL FEE		21,428	20,215			20,215
016954 484099 MISC REVENUE	3,914	5,720	24,404	0	0	24,404
TOTAL GOLF OPERATIONS REVENUE	1,856,221	1,895,899	1,518,934	1,585,000	1,800,000	(281,066)
<u>Sub Total Local Receipts</u>	\$ 9,994,283	\$ 11,192,026	\$ 10,547,307	\$ 9,390,520	\$ 9,740,198	807,109
011464-484099 MOTOR VECH. & BOAT	\$ 2,372,767	\$ 2,407,537	\$ 2,294,565	\$ 1,925,000	\$ 2,025,000	269,565
011414-469901 MOTEL & HOTEL TAX	674,717	684,793	905,397	456,000	700,000	205,397
<u>Total Local Receipts</u>	\$ 13,041,767	\$ 14,284,356	\$ 13,747,270	\$ 11,771,520	\$ 12,465,198	1,282,072
011414 699001 MEALS TAX	423,305	439,960	445,497	215,000	215,000	230,497
Total LOCAL RECEIPTS	\$ 13,465,072	\$ 14,724,316	\$ 14,192,766	\$ 11,986,520	\$ 12,680,198	1,512,568

TOWN OPERATION BUDGET 2022		Actual FY2018	Actual FY2019	Actual FY2020	Budget FY2021	TA Proposed FY2022	\$\$ Change	PCT CHANGE
1	MODERATOR S&W	-	-	-	1,000	1,000	-	0.0%
2	SELECTMEN S&W	7,500	12,000	12,000	12,500	12,500	-	0.0%
3	SELECTMEN - EXP	<u>7,077</u>	<u>7,237</u>	<u>5,737</u>	<u>8,750</u>	<u>8,750</u>	-	<u>0.0%</u>
4	Sub-Total	14,577	19,237	17,737	21,250	21,250	-	0.0%
5	FINANCE COMMITTEE S&W	745	229	76	3,000	3,000	-	0.0%
6	FINANCE COMMITTEE - EXP	<u>809</u>	<u>1,516</u>	<u>1,824</u>	<u>2,000</u>	<u>2,000</u>	-	<u>0.0%</u>
7	Sub-Total	1,554	1,744	1,900	5,000	5,000	-	0.0%
8	FINANCE COMMITTEE RESERVE FUND	-	-	-	50,000	50,000	-	0.0%
9	TOWN ACCOUNTANT - SAL	233,658	246,777	258,180	265,485	278,184	12,699	4.8%
10	TOWN ACCOUNTANT - EXP	3,626	2,570	6,990	7,875	8,139	264	3.4%
11	AUDIT - EXP	<u>37,900</u>	<u>40,505</u>	<u>40,000</u>	<u>40,000</u>	<u>40,000</u>	-	<u>0.0%</u>
12	Sub-Total	275,183	289,853	305,170	313,360	326,323	12,963	4.1%
13	ASSESSORS - S&W	153,113	182,201	178,746	204,048	206,287	2,239	1.1%
14	ASSESSORS - EXP	<u>68,266</u>	<u>97,871</u>	<u>85,332</u>	<u>110,520</u>	<u>108,220</u>	<u>(2,300)</u>	<u>-2.1%</u>
15	Sub-Total	221,379	280,071	264,078	314,568	314,507	(61)	0.0%
16	TOWN COLLECTIONS - S&W	12,476	12,837	9,425	16,000	16,000	-	0.0%
17	TOWN COLLECTIONS - EXP	<u>3,154</u>	<u>3,760</u>	<u>3,700</u>	<u>5,500</u>	<u>5,500</u>	-	<u>0.0%</u>
18	Sub-Total	15,631	16,597	13,125	21,500	21,500	-	0.0%
19	POSTAGE	<u>46,452</u>	<u>39,128</u>	<u>47,487</u>	<u>41,500</u>	<u>41,500</u>	-	<u>0.0%</u>
20	Sub-Total	46,452	39,128	47,487	41,500	41,500	-	0.0%
21	TREASURER - S&W	234,025	254,705	276,730	288,776	291,686	2,910	1.0%
22	TREASURER - EXP	<u>102,106</u>	<u>97,616</u>	<u>101,573</u>	<u>95,358</u>	<u>91,550</u>	<u>(3,808)</u>	<u>-4.0%</u>
23	Sub-Total	336,131	352,322	378,303	384,134	383,236	(898)	-0.2%
24	VACATION & SICK LEAVE BUY BACK	-	46,074	84,023	138,728	150,622	11,894	8.6%
25	MEDICARE	217,264	236,704	253,229	242,888	255,008	12,120	5.0%
26	ADMINISTRATION - S&W	418,242	425,860	494,694	469,123	397,945	(71,178)	-15.2%
27	ADMINISTRATION - EXP	75,450	74,692	85,053	96,880	119,879	22,999	23.7%
28	ADMINISTRATION - CAP OUTLAY	4,958	4,801	3,013	5,500	5,500	-	0.0%
29	WEATHER EVENT	-	-	844,876	-	-	-	0.0%
30	Sub-Total	498,651	505,352	1,427,636	571,503	523,324	(48,179)	-8.4%
32	LEGAL SERVICES - EXP	159,374	170,825	140,192	185,000	185,000	-	0.0%
33	CLAIMS & SUITS	-	-	-	500	500	-	0.0%
34	Sub-Total	159,374	170,825	140,192	185,500	185,500	-	0.0%
35	INFORMATION TECHNOLOGY - S&W	99,800	101,439	108,577	111,098	111,098	-	0.0%
36	INFORMATION TECHNOLOGY - EXP	<u>211,708</u>	<u>244,542</u>	<u>202,496</u>	<u>276,250</u>	<u>274,141</u>	<u>(2,109)</u>	<u>-0.8%</u>
37	Sub-Total	311,507	345,981	311,073	387,349	385,240	(2,109)	-0.5%
38	IT CHANNEL 18 - S&W	106,300	117,843	128,625	143,627	149,496	5,869	4.1%
39	IT CHANNEL 18 - EXP	<u>24,790</u>	<u>28,089</u>	<u>15,772</u>	<u>66,480</u>	<u>60,604</u>	<u>(5,876)</u>	<u>-8.8%</u>
40	Sub-Total	131,091	145,933	144,397	210,107	210,100	(7)	0.0%
41	CONSTABLE S & W	356	188	375	708	708	-	0.0%
42	TOWN CLERK - S&W	202,280	229,276	240,754	272,756	240,726	(32,030)	-11.7%
43	TOWN CLERK - EXP	<u>30,684</u>	<u>33,186</u>	<u>51,130</u>	<u>49,300</u>	<u>32,228</u>	<u>(17,072)</u>	<u>-34.6%</u>
44	Sub-Total	232,964	262,462	291,884	322,056	272,954	(49,102)	-15.2%
45	CONSERVATION - S&W	111,527	138,789	148,974	168,022	165,506	(2,516)	-1.5%
46	CONSERVATION - EXP	<u>6,673</u>	<u>8,198</u>	<u>4,891</u>	<u>7,565</u>	<u>5,915</u>	<u>(1,650)</u>	<u>-21.8%</u>
47	Sub-Total	118,200	146,987	153,865	175,587	171,421	(4,166)	-2.4%
48	TOWN PLANNER - S&W	69,515	87,324	93,093	95,480	95,305	(175)	-0.2%
49	TOWN PLANNER - EXP	<u>1,928</u>	<u>3,580</u>	<u>3,428</u>	<u>4,531</u>	<u>4,531</u>	-	<u>0.0%</u>
50	Sub-Total	71,443	90,904	96,520	100,011	99,836	(175)	-0.2%
51	BOARD OF APPEALS - S&W	-	-	-	-	-	-	0.0%

TOWN OPERATION BUDGET 2022		Actual FY2018	Actual FY2019	Actual FY2020	Budget FY2021	TA Proposed FY2022	\$\$ Change	PCT CHANGE
52	BOARD OF APPEALS - EXP	594	15	124	735	735	-	0.0%
53	Sub-Total	594	15	124	735	735	-	0.0%
54	ALBRO HOUSE - EXP	3,148	2,928	2,177	6,355	6,355	-	0.0%
55	OLD RECR BUILDING - EXP	5,321	4,123	5,001	7,627	7,627	-	0.0%
56	W. HARWICH SCHOOL - EXP	408	404	365	1,424	1,424	-	0.0%
57	Sub-Total	8,876	7,455	7,543	15,405	15,405	-	0.0%
58	COMMUNITY DEVELOPMENT - S&W	218,879	225,761	211,842	242,945	235,150	(7,795)	-3.2%
59	COMMUNITY DEVELOPMENT - EXP	10,834	9,207	6,596	13,113	13,113	-	0.0%
60	Sub-Total	229,713	234,968	218,438	256,058	248,263	(7,795)	-3.0%
61	PUBLIC BUILDINGS REPAIRS	-	-	-	2,133	2,133	-	0.0%
62	TOWN/FIN COM REPORTS	7,658	7,766	5,961	10,000	10,000	-	0.0%
63	ADVERTISING	21,671	22,229	4,788	22,750	22,750	-	0.0%
64	POLICE - S&W	3,384,205	3,716,952	3,554,438	4,041,890	4,135,495	93,605	2.3%
65	POLICE - EXP	544,305	484,541	375,889	506,643	473,037	(33,606)	-6.6%
66	POLICE - CAP OUTLAY	121,482	131,100	85,811	60,000	-	(60,000)	0.0%
67	Sub-Total	4,049,992	4,332,593	4,016,139	4,608,533	4,608,533	(1)	0.0%
68	FIRE - S&W	3,353,682	3,872,857	3,744,052	4,129,052	4,209,768	80,716	2.0%
69	FIRE - EXP	394,875	362,291	356,867	406,192	551,329	145,137	35.7%
71	Sub-Total	3,748,556	4,235,148	4,100,920	4,535,244	4,761,097	225,852	5.0%
72	AMBULANCE - S&W	112,767	137,969	86,233	131,607	Merged w/Fire	(131,607)	-100.0%
73	EMS - EXP	136,314	118,467	122,332	124,095	Merged w/Fire	(124,095)	-100.0%
74	Sub-Total	249,081	256,436	208,565	255,702	-	(255,702)	-100.0%
75	BUILDING - S&W	246,408	291,192	283,536	337,190	336,170	(1,020)	-0.3%
76	BUILDING - EXP	11,349	13,822	10,568	24,976	26,475	1,499	6.0%
77	Sub-Total	257,757	305,013	294,104	362,166	362,645	479	0.1%
78	EMERG. MGMT - S&W	2,444	1,032	2,300	5,355	5,355	-	0.0%
79	EMERG. MGMT - EXP	3,317	4,562	7,075	8,500	8,500	-	0.0%
80	Sub-Total	5,761	5,593	9,375	13,855	13,855	-	0.0%
81	NATURAL RESOURCES - S&W	96,343	102,223	110,546	113,631	114,714	1,083	1.0%
82	NATURAL RESOURCES - EXP	26,998	27,835	21,525	28,200	27,100	(1,100)	-3.9%
83	Sub-Total	123,341	130,058	132,071	141,831	141,814	(17)	0.0%
84	PLEASANT BAY ALLIANCE	17,343	20,160	23,760	23,760	23,760	-	0.0%
85	TOWN ENGINEER - S&W	174,256	131,618	115,709	114,549	114,549	-	0.0%
86	TOWN ENGINEER - EXP	9,831	22,695	28,677	80,310	30,310	(50,000)	-62.3%
87	Sub-Total	184,088	154,313	144,386	194,859	144,859	(50,000)	-25.7%
88	HIGHWAY - S&W	2,495,639	2,623,322	2,578,958	2,848,196	2,771,009	(77,186)	-2.7%
89	HIGHWAY - EXP	2,501,442	2,805,897	2,690,057	3,226,579	3,303,765	77,186	2.4%
90	Sub-Total	4,997,081	5,429,219	5,269,015	6,074,775	6,074,775	(0)	0.0%
91	SNOW/ICE - S&W	104,576	81,499	25,914	40,000	40,000	-	0.0%
92	SNOW/ICE - EXP	260,924	190,965	66,955	95,000	95,000	-	0.0%
93	Sub-Total	365,500	272,463	92,870	135,000	135,000	-	0.0%
94	STREET LIGHTS	31,372	22,731	30,356	35,000	31,000	(4,000)	-11.4%
95	INTERGOVERNMENTAL TRANS - WW		70,000	125,000	200,000	515,331	315,331	157.7%
96	COUNTY WW SUPPORT FUND			100,000	-	-	-	0.0%
97	CEMETERY ADMIN - S&W	63,203	65,070	70,040	71,434	71,434	-	0.0%
98	CEMETERY ADMIN - EXP	3,164	4,546	4,670	5,075	5,718	643	12.7%
99	Sub-Total	66,367	69,617	74,710	76,509	77,152	643	0.8%
100	BOARD OF HEALTH - S&W	139,795	163,782	183,249	203,881	193,196	(10,685)	-5.2%
101	BOARD OF HEALTH - EXP	16,209	13,241	8,331	16,390	12,560	(3,830)	-23.4%
102	Sub-Total	156,004	177,023	191,579	220,272	205,756	(14,515)	-6.6%
103	COMMUNITY CENTER S&W	165,498	176,286	185,474	193,389	196,876	3,487	1.8%

TOWN OPERATION BUDGET 2022		Actual FY2018	Actual FY2019	Actual FY2020	Budget FY2021	TA Proposed FY2022	\$\$ Change	PCT CHANGE
104	COMMUNITY CENTER EXP	131,306	117,063	109,175	125,354	121,190	(4,164)	-3.3%
105	Sub-Total	296,804	293,349	294,649	318,743	318,066	(678)	-0.2%
106	COUNCIL ON AGING - S&W	370,042	352,597	361,824	396,169	393,012	(3,157)	-0.8%
107	COUNCIL ON AGING - EXP	63,690	63,932	55,274	79,232	82,326	3,094	3.9%
108	Sub-Total	433,732	416,529	417,099	475,401	475,338	(63)	0.0%
109	YOUTH COUNSELOR - S&W	81,511	85,203	93,443	96,255	95,905	(350)	-0.4%
110	YOUTH COUNSELOR - EXP	4,017	4,604	4,221	3,485	3,485	-	0.0%
111	Sub-Total	85,528	89,807	97,663	99,740	99,390	(350)	-0.4%
112	VETERANS EXPENSE/BENEFITS	99,997	97,461	133,899	128,058	144,277	16,219	12.7%
113	DISABILTY RIGHT - EXP	-	300	-	500	500	-	0.0%
114	HUMAN SERVICES	72,605	78,690	79,450	83,250	83,250	-	0.0%
115	LIBRARY - S&W	630,719	665,422	696,848	730,885	737,977	7,092	1.0%
116	LIBRARY - EXP	269,410	267,370	248,848	274,820	274,820	-	0.0%
117	Sub-Total	900,128	932,792	945,695	1,005,705	1,012,797	7,092	0.7%
118	RECREATION - SEASONAL - S&W	174,725	216,097	208,379	218,026	213,213	(4,813)	-2.2%
119	RECREATION - S&W	228,268	245,726	253,706	272,618	274,076	1,457	0.5%
120	RECREATION - EXP	41,735	46,281	52,966	45,575	45,575	-	0.0%
121	RECREATION - CAP OUTLAY	-	9,029	-	-	-	-	0.0%
122	Sub-Total	444,728	517,133	515,051	536,219	532,864	(3,356)	-0.6%
123	HARBORMASTER -S&W	289,490	311,293	324,299	343,404	342,729	(675)	-0.2%
124	HARBORMASTER - EXP	171,596	203,466	107,197	252,580	253,230	650	0.3%
125	Sub-Total	461,086	514,759	431,496	595,984	595,959	(25)	0.0%
126	BROOKS ACAD MUSEUM COMMISSION	10,754	9,440	7,842	12,894	12,894	-	0.0%
127	HISTORICAL COMMISSION	540	-	-	-	-	-	0.0%
128	HISTORICAL COMMISSION	-	198	-	350	350	-	0.0%
129	Sub-Total	540	198	-	350	350	-	0.0%
130	CELEBRATIONS	1,299	992	-	1,600	1,600	-	0.0%
131	GOLF - S&W	798,628	865,827	795,295	919,180	937,540	18,360	2.0%
132	GOLF - EXP	621,381	614,144	535,217	665,271	639,223	(26,048)	-3.9%
133	GOLF CAP OUTLAY	66,277	66,199	13,829	68,000	68,000	-	0.0%
134	Sub-Total	1,486,286	1,546,170	1,344,341	1,652,451	1,644,763	(7,688)	-0.5%
135	GOLF IMA MRSD	-	82,000	82,000	83,538	83,538	-	0.0%
136	ELECTRICITY - CVEC	66,254	68,140	71,705	73,900	75,750	1,850	2.5%
137	INTERFUND TRANSFERS	-	-	100,558	-	-	-	0.0%
138	Total Departmental Budgets	21,532,254	23,350,924	23,502,145	25,739,671	25,895,226	155,555	0.6%
139	Total Debt Service (Prin & Int)	2,494,459	4,710,046	4,920,069	4,617,408	5,178,305	560,897	12.1%
140	STATE ASSESSMENTS	261,135	269,883	285,138	300,901	308,390	7,489	2.5%
141	BARNS CTY RETIREMENT	2,681,194	2,763,836	3,024,763	3,144,894	3,242,673	97,779	3.1%
142	CAPE COD COMMISSION ASSESSMENT	217,944	223,393	234,056	240,570	246,584	6,014	2.5%
143	BARNSTABLE COUNTY ASSESSMENT	203,280	208,362	218,307	223,101	228,679	5,578	2.5%
144	UNEMPLOYMENT COMPENSATION	5,087	32,401	16,281	20,000	20,000	-	0.0%
145	GROUP HEALTH INSURANCE	4,296,270	4,514,731	4,551,199	4,833,551	4,938,071	104,520	2.2%
146	OPEB	100,000	125,000	150,000	-	250,000	250,000	100.0%
147	GENERAL INSURANCE	656,366	726,142	805,793	854,470	877,726	23,256	2.7%
148	GENERAL INSURANCE DEDUCTIBLE	4,603	7,018	3,696	20,000	20,000	-	0.0%
149	TOTAL TOWN	32,452,592	36,931,737	37,711,447	39,994,565	41,205,654	1,211,089	3.0%
150	OVERLAY (Abatements/Exemptions)	413,262	450,000	437,775	400,000	450,000	50,000	12.5%
151	C C REGIONAL TECH HIGH	1,487,362	1,581,236	2,317,475	1,737,789	1,536,309	(201,480)	-11.6%
152	MONOMOY REG. SCH. DISTRICT	24,759,749	25,609,390	26,643,415	26,820,046	27,667,807	847,761	3.2%
153	TOTAL MRSD ASSESSMENT	24,759,749	25,609,390	26,643,415	26,820,046	27,667,807	847,761	3.2%
154	TOTAL	59,112,965	64,572,363	67,110,112	68,952,400	70,859,770	1,907,370	2.8%

**Town of Harwich
Water Department
Budget 2022**

Expenditures	Actual FY 2018	Actual FY 2019	Actual FY 2020	Budget FY 2021	Budget FY 2022
Water Salaries & Wages	1,186,101	1,247,495	1,284,716	1,329,300	1,279,529
Water Expenses	1,281,198	1,289,949	1,048,389	1,460,140	1,462,195
OPEB	50,000	50,000	50,000	50,000	50,000
Debt Obligations	768,427	752,366	739,688	721,345	704,377
Retained Earnings	1,635,175	150,179			
Indirect Cost	650,178	732,843	720,295	730,290	727,304
	5,571,078	4,222,832	3,843,088	4,291,075	4,223,405

Revenue	Actual FY 2018	Actual FY 2019	Actual FY 2020	Budget FY 2021	Budget FY 2022
Water User Fees	3,562,136	3,621,354	3,672,392	4,384,189	4,298,631
Water Liens	17,059	25,019	11,400	20,241	17,826
Penalties & Interest	1,501	3,618	2,616	2,211	2,578
Other Water Services	299,054	330,677	306,987	347,341	355,195
Solar & Cell Revenue	295,153	275,660	230,454	198,903	208,955
Investment Revenue	-	24,088	25,086	21,200	21,200
Miscellaneous Revenue	77,479	54,981	41,740	54,331	54,331
Transfer In from Other Fund:	-	59,768	18,277	-	-
	4,252,382	4,395,163	4,308,952	5,028,416	4,958,716

**Town of Harwich
Wastewater Department
Budget 2022**

DESCRIPTION	Actual FY 2018	Actual FY 2019	Actual FY 2020	Budget FY 2021	Budget FY 2022
Salaries & Wages	-	-	-	80,489	78,099
Electric Utility	-	-	-	-	4,000
Gas Utility	-	-	-	-	600
Professional Services	-	-	6,000	192,443	398,286
Prof/Architectural Services	-	-	19,642	-	-
Printing Services & Supplies	-	-	-	-	650
Generator Maintenance	-	-	-	-	2,250
Indirect Cost	-	-	-	-	31,446
Total	-	-	25,642	272,932	515,331

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
01	GENERAL FUND - BAL							
<u>01 596000</u>	TRANSF OUT	613,299.48	73,600.00	325,557.68	224,364.82	224,364.82	515,331.00	129.7%
	TOTAL GENERAL FUND - BAL	613,299.48	73,600.00	325,557.68	224,364.82	224,364.82	515,331.00	129.7%
011141	MODERATOR S&W							
<u>011141 511100</u>	S&WELECTED	.00	.00	.00	.00	1,000.00	1,000.00	.0%
	TOTAL MODERATOR S&W	.00	.00	.00	.00	1,000.00	1,000.00	.0%
011221	SELECTMEN S&W							
<u>011221 511100</u>	S&WELECTED	7,500.00	12,000.00	12,000.00	8,000.00	12,500.00	12,500.00	.0%
	TOTAL SELECTMEN S&W	7,500.00	12,000.00	12,000.00	8,000.00	12,500.00	12,500.00	.0%
011222	SELECTMEN - EXP							
<u>011222 542000</u>	OFF SUPPLS	.00	.00	.00	.00	250.00	250.00	.0%
<u>011222 573000</u>	DUE, SB, TRV	6,597.95	6,963.07	5,648.82	4,047.00	7,350.00	7,350.00	.0%
<u>011222 578000</u>	OTHER UNCL	479.10	274.18	88.14	114.26	1,150.00	1,150.00	.0%
	TOTAL SELECTMEN - EXP	7,077.05	7,237.25	5,736.96	4,161.26	8,750.00	8,750.00	.0%
011311	FINANCE COMMITTEE S&W							
<u>011311 511800</u>	PTS&WYRROU	744.60	228.77	76.41	.00	3,000.00	3,000.00	.0%
	TOTAL FINANCE COMMITTEE S&W	744.60	228.77	76.41	.00	3,000.00	3,000.00	.0%
011312	FINANCE COMMITTEE - EXP							
<u>011312 542000</u>	OFF SUPPLS	.00	.00	142.04	.00	250.00	250.00	.0%
<u>011312 573000</u>	DUE, SB, TRV	809.02	1,515.51	1,681.50	210.00	1,750.00	1,750.00	.0%
	TOTAL FINANCE COMMITTEE - EX	809.02	1,515.51	1,823.54	210.00	2,000.00	2,000.00	.0%
011322	Finance Committee Reserve Fund							
<u>011322 578001</u>	RES FUND	.00	.00	.00	.00	50,000.00	50,000.00	.0%
	TOTAL Finance Committee Rese	.00	.00	.00	.00	50,000.00	50,000.00	.0%
011351	TOWN ACCOUNTANT - SAL							
<u>011351 511900</u>	S&W	232,957.51	244,588.02	255,067.04	178,167.81	261,053.39	274,411.26	5.1%
<u>011351 513000</u>	OVERTIME	.00	.00	208.40	132.62	2,000.00	1,000.00	-50.0%
<u>011351 514000</u>	LONGEVITY	.00	.00	1,164.59	.00	1,731.86	2,422.57	39.9%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>011351 515007</u>	SCKLVBONUS	700.00	700.00	350.00	350.00	700.00	350.00	-50.0%
TOTAL TOWN ACCOUNTANT - SAL		233,657.51	245,288.02	256,790.03	178,650.43	265,485.25	278,183.83	4.8%
011352 TOWN ACCOUNTANT - EXP								
<u>011352 530900</u>	OTH PROFES	.00	.00	3,500.00	1,560.00	2,000.00	4,264.00	113.2%
<u>011352 538000</u>	OTHPURCHSV	.00	.00	.00	.00	505.00	505.00	.0%
<u>011352 542000</u>	OFF SUPPLS	393.08	507.46	397.56	361.86	600.00	600.00	.0%
<u>011352 573000</u>	DUE, SB, TRV	3,232.86	2,062.88	3,092.56	1,316.00	4,770.00	2,770.00	-41.9%
TOTAL TOWN ACCOUNTANT - EXP		3,625.94	2,570.34	6,990.12	3,237.86	7,875.00	8,139.00	3.4%
011362 AUDIT - EXP								
<u>011362 530900</u>	OTH PROFES	37,900.00	40,505.00	40,000.00	35,000.00	40,000.00	40,000.00	.0%
TOTAL AUDIT - EXP		37,900.00	40,505.00	40,000.00	35,000.00	40,000.00	40,000.00	.0%
011411 ASSESSORS - S&W								
<u>011411 511800</u>	PTS&WYRROU	1,500.00	1,500.00	1,500.00	1,000.08	1,500.00	1,500.00	.0%
<u>011411 511900</u>	S&W	148,690.47	175,620.95	171,646.98	113,296.57	194,497.80	197,237.15	1.4%
<u>011411 512500</u>	COMP TIME	.00	407.05	.00	.00	.00	.00	.0%
<u>011411 513000</u>	OVERTIME	2,572.55	4,322.85	3,550.94	1,137.60	7,000.00	6,500.00	-7.1%
<u>011411 515007</u>	SCKLVBONUS	350.00	350.00	350.00	.00	1,050.00	1,050.00	.0%
TOTAL ASSESSORS - S&W		153,113.02	182,200.85	177,047.92	115,434.25	204,047.80	206,287.15	1.1%
011412 ASSESSORS - EXP								
<u>011412 530200</u>	BK. MICRO	913.76	960.51	960.51	960.51	1,000.00	1,000.00	.0%
<u>011412 530300</u>	DATA PROC.	64,959.30	92,628.75	80,364.17	80,879.96	103,520.00	101,220.00	-2.2%
<u>011412 542000</u>	OFF SUPPLS	1,471.33	1,105.53	1,874.96	123.79	2,000.00	2,000.00	.0%
<u>011412 548100</u>	BULK FUEL	68.03	28.21	109.56	29.19	200.00	200.00	.0%
<u>011412 573000</u>	DUE, SB, TRV	854.00	3,147.64	2,023.11	910.00	3,800.00	3,800.00	.0%
TOTAL ASSESSORS - EXP		68,266.42	97,870.64	85,332.31	82,903.45	110,520.00	108,220.00	-2.1%
011431 TOWN COLLECTIONS - S&W								
<u>011431 511800</u>	PTS&WYRROU	11,175.18	11,701.21	8,672.02	2,403.87	14,000.00	14,000.00	.0%
<u>011431 511900</u>	S&W	.00	.00	.00	.00	1,000.00	1,000.00	.0%
<u>011431 513000</u>	OVERTIME	1,301.01	1,136.10	753.41	108.24	1,000.00	1,000.00	.0%
TOTAL TOWN COLLECTIONS - S&W		12,476.19	12,837.31	9,425.43	2,512.11	16,000.00	16,000.00	.0%
011432 TOWN COLLECTIONS - EXP								
<u>011432 538000</u>	OTHPURCHSV	1,247.20	1,260.00	1,199.95	1,631.95	1,500.00	1,500.00	.0%
<u>011432 558000</u>	UNCLSUPPLS	1,907.23	2,500.00	2,500.00	2,600.75	4,000.00	4,000.00	.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
TOTAL TOWN COLLECTIONS - EXP		3,154.43	3,760.00	3,699.95	4,232.70	5,500.00	5,500.00	.0%
011442 POSTAGE								
<u>011442 534300</u>	POSTAGE	46,452.47	39,127.93	47,487.27	41,102.98	41,500.00	41,500.00	.0%
TOTAL POSTAGE		46,452.47	39,127.93	47,487.27	41,102.98	41,500.00	41,500.00	.0%
011451 TREASURER - S&W								
<u>011451 511900</u>	S&W	231,233.89	249,210.93	271,953.97	176,702.42	280,950.95	283,860.66	1.0%
<u>011451 513000</u>	OVERTIME	1,416.02	497.08	644.93	817.57	5,000.00	5,000.00	.0%
<u>011451 514000</u>	LONGEVITY	325.00	325.00	475.00	475.00	1,425.00	1,425.00	.0%
<u>011451 515007</u>	SCKLVBONUS	1,050.00	1,400.00	1,400.00	700.00	1,400.00	1,400.00	.0%
TOTAL TREASURER - S&W		234,024.91	251,433.01	274,473.90	178,694.99	288,775.95	291,685.66	1.0%
011452 TREASURER - EXP								
<u>011452 524200</u>	OFF EQU RE	1,300.00	1,300.00	1,350.00	.00	1,350.00	1,350.00	.0%
<u>011452 527000</u>	RENT&LEASE	2,993.04	2,993.04	2,993.04	1,496.52	3,000.00	3,000.00	.0%
<u>011452 530900</u>	OTH PROFES	25,080.25	27,057.50	27,003.89	12,605.49	17,200.00	17,400.00	1.2%
<u>011452 538000</u>	OTHPURCHSV	45,648.51	46,876.69	48,667.88	26,303.01	46,600.00	46,600.00	.0%
<u>011452 542000</u>	OFF SUPPLS	2,274.60	3,548.17	3,539.11	2,953.10	4,000.00	4,000.00	.0%
<u>011452 573000</u>	DUE,SB,TRV	4,537.79	1,525.05	1,027.14	100.00	2,500.00	500.00	-80.0%
<u>011452 573500</u>	EOS	.00	.00	5,924.00	.00	.00	.00	.0%
<u>011452 574000</u>	GEN INS PR	2,642.50	2,642.50	2,707.50	2,707.50	2,708.00	2,700.00	-.3%
<u>011452 578000</u>	UNCLASS	3,528.42	.00	681.55	.00	1,000.00	1,000.00	.0%
<u>011452 578010</u>	FORCL CH60	9,754.88	11,673.32	7,678.67	1,149.80	17,000.00	15,000.00	-11.8%
TOTAL TREASURER - EXP		97,759.99	97,616.27	101,572.78	47,315.42	95,358.00	91,550.00	-4.0%
011482 MEDICARE & VACATION								
<u>011482 515000</u>	VAC S&W	.00	10,413.40	32,569.24	25,489.67	68,151.94	98,068.10	43.9%
<u>011482 515005</u>	SICK BY-BK	.00	35,660.54	51,453.45	29,315.16	70,575.90	52,553.93	-25.5%
<u>011482 517500</u>	MEDICARE	217,263.92	236,703.89	253,229.29	160,232.04	242,888.08	255,008.00	5.0%
TOTAL MEDICARE & VACATION		217,263.92	282,777.83	337,251.98	215,036.87	381,615.92	405,630.03	6.3%
011491 ADMINISTRATION - S&W								
<u>011491 511800</u>	PTS&WYRROU	7,013.01	3,338.59	2,656.11	1,242.61	10,404.00	10,404.00	.0%
<u>011491 511900</u>	S&W	386,483.43	409,129.05	363,718.78	210,011.41	452,168.50	381,691.10	-15.6%
<u>011491 512500</u>	COMP TIME	5,513.72	1,963.41	2,996.60	345.00	.00	.00	.0%
<u>011491 512501</u>	STIPEND	7,000.24	.00	.00	.00	.00	.00	.0%
<u>011491 513000</u>	OVERTIME	2,219.00	1,477.06	1,074.61	.00	5,500.00	5,500.00	.0%
<u>011491 514000</u>	LONGEVITY	8,963.05	9,222.66	4,543.08	.00	.00	.00	.0%
<u>011491 515000</u>	Vac S&W	.00	.00	22,308.29	.00	.00	.00	.0%
<u>011491 515005</u>	Sick By-Bk	.00	.00	2,268.59	.00	.00	.00	.0%

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TOWN OF HARWICH - LIVE DATA
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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
011512	LEGAL SERVICES - EXP							
<u>011512 530500</u>	LEGAL SVS	159,374.40	170,824.99	140,191.64	69,119.13	185,000.00	185,000.00	.0%
	TOTAL LEGAL SERVICES - EXP	159,374.40	170,824.99	140,191.64	69,119.13	185,000.00	185,000.00	.0%
011522	CLAIMS & SUITS							
<u>011522 530501</u>	CLM/SUITS	.00	.00	.00	.00	500.00	500.00	.0%
	TOTAL CLAIMS & SUITS	.00	.00	.00	.00	500.00	500.00	.0%
011551	INFORMATION TECHNOLOGY							
<u>011551 511900</u>	S&W	92,943.77	94,802.77	101,474.17	66,622.74	103,503.00	103,503.00	.0%
<u>011551 514000</u>	LONGBONUS	6,506.08	6,636.21	7,103.18	.00	7,245.21	7,245.21	.0%
<u>011551 515007</u>	SCKLVBONUS	350.00	.00	.00	.00	350.00	350.00	.0%
	TOTAL INFORMATION TECHNOLOGY	99,799.85	101,438.98	108,577.35	66,622.74	111,098.21	111,098.21	.0%
011552	INFORMATION TECHNOLOGY							
<u>011552 530900</u>	OTH PROFES	12,207.50	21,750.50	22,602.79	.00	20,000.00	.00	-100.0%
<u>011552 530902</u>	SUPPORT	29,938.10	31,931.90	35,552.80	81,043.09	39,385.82	96,423.18	144.8%
<u>011552 530903</u>	MUNIS	66,088.93	71,490.88	73,746.84	63,324.41	76,100.00	78,299.00	2.9%
<u>011552 534400</u>	TELEPHONE	36,700.72	40,988.65	38,654.01	25,390.56	39,352.00	39,812.00	1.2%
<u>011552 534901</u>	INTERNET	10,368.64	12,349.05	7,184.21	6,184.85	10,057.20	10,807.20	7.5%
<u>011552 542000</u>	OFF SUPPLS	380.83	261.27	338.81	142.28	300.00	300.00	.0%
<u>011552 542013</u>	HARD/SOFT	54,216.04	63,183.71	22,803.15	4,951.54	87,555.41	45,000.00	-48.6%
<u>011552 542014</u>	PRINTSUPPL	1,806.76	2,585.82	1,193.23	2,568.78	3,500.00	3,500.00	.0%
	TOTAL INFORMATION TECHNOLOGY	211,707.52	244,541.78	202,075.84	183,605.51	276,250.43	274,141.38	-.8%
011561	IT CHANNEL 18 S&W							
<u>011561 511800</u>	PTS&WYRROU	1,712.58	2,158.41	1,741.93	36.87	9,906.00	9,906.00	.0%
<u>011561 511900</u>	S&W	104,237.86	115,334.86	126,533.47	85,407.92	133,021.28	138,890.11	4.4%
<u>011561 515007</u>	SCKLVBONUS	350.00	350.00	350.00	350.00	700.00	700.00	.0%
	TOTAL IT CHANNEL 18 S&W	106,300.44	117,843.27	128,625.40	85,794.79	143,627.28	149,496.11	4.1%
011562	IT CHANNEL 18 EXPENSES							
<u>011562 530500</u>	LEGAL SVS	.00	5,446.38	.00	2,601.50	15,000.00	.00	-100.0%
<u>011562 534400</u>	TELEPHONE	.00	.00	39.99	.00	.00	.00	.0%
<u>011562 534900</u>	OTH COMUN	2,678.68	2,984.03	3,014.94	2,686.96	4,480.00	7,240.00	61.6%
<u>011562 542000</u>	OFF SUPPLS	6,188.95	7,932.10	3,636.98	2,934.55	5,000.00	5,000.00	.0%
<u>011562 543000</u>	MAINT EQUIP	15,922.86	11,726.90	9,079.87	5,587.45	22,000.00	28,364.10	28.9%
	TOTAL IT CHANNEL 18 EXPENSES	24,790.49	28,089.41	15,771.78	13,810.46	46,480.00	40,604.10	-12.6%

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TOWN OF HARWICH - LIVE DATA
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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
011568	INFO CAPITAL OUTLAY							
<u>011568</u>	<u>585000</u>							
	CAP OUTLAY	.00	.00	.00	.00	20,000.00	20,000.00	.0%
	TOTAL INFO CAPITAL OUTLAY	.00	.00	.00	.00	20,000.00	20,000.00	.0%
011571	CONSTABLE S & W							
<u>011571</u>	<u>511800</u>							
	PTS&WYRROU	355.70	187.50	375.00	375.00	708.00	708.00	.0%
	TOTAL CONSTABLE S & W	355.70	187.50	375.00	375.00	708.00	708.00	.0%
011611	TOWN CLERK - S&W							
<u>011611</u>	<u>511100</u>							
	S&WELECTED	76,905.00	92,489.80	101,474.17	66,622.70	103,503.00	103,503.00	.0%
<u>011611</u>	<u>511800</u>							
	PTS&WYRROU	14,974.32	17,073.46	17,582.75	36,011.08	44,787.00	13,691.30	-69.4%
<u>011611</u>	<u>511900</u>							
	S&W	106,350.77	114,785.63	120,200.46	76,641.78	122,134.95	120,929.13	-1.0%
<u>011611</u>	<u>514000</u>							
	LONGEVITY	3,699.88	2,293.93	625.53	1,251.07	1,281.09	1,902.45	48.5%
<u>011611</u>	<u>515007</u>							
	SCKLVBONUS	350.00	145.83	350.00	350.00	1,050.00	700.00	-33.3%
	TOTAL TOWN CLERK - S&W	202,279.97	226,788.65	240,232.91	180,876.63	272,756.04	240,725.88	-11.7%
011612	TOWN CLERK - EXP							
<u>011612</u>	<u>524200</u>							
	OFF EQU RE	1,000.00	600.56	1,195.00	1,800.00	1,500.00	1,500.00	.0%
<u>011612</u>	<u>530200</u>							
	BK. MICRO	.00	.00	.00	.00	800.00	800.00	.0%
<u>011612</u>	<u>530900</u>							
	OTH PROFES	14,923.74	20,650.61	19,509.99	15,795.09	24,900.00	4,588.00	-81.6%
<u>011612</u>	<u>534200</u>							
	DEL SERV	7,261.86	8,323.98	7,448.41	6,553.89	8,000.00	11,000.00	37.5%
<u>011612</u>	<u>538000</u>							
	OTHPURCHSV	.00	.00	.00	.00	7,400.00	7,640.00	3.2%
<u>011612</u>	<u>542000</u>							
	OFF SUPPLS	3,893.61	2,372.40	3,803.48	1,857.39	3,500.00	3,500.00	.0%
<u>011612</u>	<u>573000</u>							
	DUE,SB,TRV	3,604.89	1,238.08	2,668.37	490.00	3,200.00	3,200.00	.0%
	TOTAL TOWN CLERK - EXP	30,684.10	33,185.63	34,625.25	26,496.37	49,300.00	32,228.00	-34.6%
011711	CONSERVATION - S&W							
<u>011711</u>	<u>511800</u>							
	PTS&WYRROU	16,431.37	.00	.00	.00	.00	.00	.0%
<u>011711</u>	<u>511900</u>							
	S&W	94,936.57	135,325.80	147,313.76	103,213.68	160,765.13	157,299.17	-2.2%
<u>011711</u>	<u>512000</u>							
	SEAS S & W	.00	2,686.14	972.64	.00	6,000.00	6,000.00	.0%
<u>011711</u>	<u>512500</u>							
	COMP TIME	138.46	281.79	293.51	243.82	.00	.00	.0%
<u>011711</u>	<u>513000</u>							
	OVERTIME	20.77	378.44	394.24	65.76	557.00	557.00	.0%
<u>011711</u>	<u>514000</u>							
	LONGEVITY	.00	.00	.00	.00	.00	949.55	.0%
<u>011711</u>	<u>515007</u>							
	SCKLVBONUS	.00	116.67	.00	700.00	700.00	700.00	.0%
	TOTAL CONSERVATION - S&W	111,527.17	138,788.84	148,974.15	104,223.26	168,022.13	165,505.72	-1.5%
011712	CONSERVATION - EXP							
<u>011712</u>	<u>517900</u>							
	OTHER FRIN	.00	500.00	500.00	500.00	800.00	500.00	-37.5%
<u>011712</u>	<u>523000</u>							
	WATER	3,352.93	2,189.68	2,582.12	2,260.62	3,253.80	3,253.80	.0%

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TOWN OF HARWICH - LIVE DATA
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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>011712 529000</u>	O/PROP SER	1,009.10	3,227.07	584.31	129.45	2,000.00	1,000.00	-50.0%
<u>011712 538000</u>	OTHPURCHSV	750.00	788.67	176.37	.00	.00	.00	.0%
<u>011712 548100</u>	BULK FUEL	255.99	336.10	371.20	119.79	446.32	446.32	.0%
<u>011712 558000</u>	OTH.SUP.NE	55.88	433.37	.00	.00	300.00	150.00	-50.0%
<u>011712 573000</u>	DUE, SB, TRV	1,249.28	723.48	677.00	.00	765.00	565.00	-26.1%
TOTAL CONSERVATION - EXP		6,673.18	8,198.37	4,891.00	3,009.86	7,565.12	5,915.12	-21.8%
011741 TOWN PLANNER - S&W								
<u>011741 511800</u>	PTS&WYRROU	.00	.00	.00	8,635.50	.00	.00	.0%
<u>011741 511900</u>	S&W	69,281.93	86,974.17	93,092.80	39,291.69	94,954.43	94,955.00	.0%
<u>011741 515007</u>	SCKLVBONUS	233.33	350.00	.00	.00	525.00	350.00	-33.3%
TOTAL TOWN PLANNER - S&W		69,515.26	87,324.17	93,092.80	47,927.19	95,479.43	95,305.00	-.2%
011742 TOWN PLANNER - EXP								
<u>011742 530900</u>	OTH PROFES	800.00	2,666.67	2,666.67	.00	2,766.00	2,766.00	.0%
<u>011742 534100</u>	ADV	298.96	192.20	259.65	385.12	550.00	550.00	.0%
<u>011742 542000</u>	OFF SUPPLS	.00	202.97	.00	.00	.00	.00	.0%
<u>011742 573000</u>	DUE, SB, TRV	828.64	517.92	501.36	13.51	1,215.00	1,215.00	.0%
TOTAL TOWN PLANNER - EXP		1,927.60	3,579.76	3,427.68	398.63	4,531.00	4,531.00	.0%
011762 BOARD OF APPEALS EXPENSE								
<u>011762 534100</u>	ADV	359.56	.00	.00	.00	275.00	275.00	.0%
<u>011762 542000</u>	OFF SUPPLS	.00	15.04	.00	.00	.00	.00	.0%
<u>011762 573000</u>	DUE, SB, TRV	234.75	.00	123.50	.00	460.00	460.00	.0%
TOTAL BOARD OF APPEALS EXPEN		594.31	15.04	123.50	.00	735.00	735.00	.0%
011802 ALBRO HOUSE EXP								
<u>011802 521100</u>	ELECTRIC	324.54	280.70	326.34	185.29	720.00	720.00	.0%
<u>011802 521200</u>	GAS	2,528.23	2,253.18	1,655.28	769.76	2,654.64	2,654.64	.0%
<u>011802 523000</u>	WATER	294.92	394.32	195.54	445.95	400.00	400.00	.0%
<u>011802 524300</u>	OTHER REPR	.00	.00	.00	.00	2,580.00	2,580.00	.0%
TOTAL ALBRO HOUSE EXP		3,147.69	2,928.20	2,177.16	1,401.00	6,354.64	6,354.64	.0%
011812 OLD RECR BUILDING EXP								
<u>011812 521100</u>	ELECTRIC	1,154.75	916.04	1,862.47	330.65	1,440.00	1,440.00	.0%
<u>011812 521200</u>	GAS	4,006.64	3,076.44	3,138.56	1,855.51	4,212.00	4,212.00	.0%
<u>011812 523000</u>	WATER	159.35	130.94	.00	.00	175.00	175.00	.0%
<u>011812 524300</u>	OTHER REPR	.00	.00	.00	.00	1,800.00	1,800.00	.0%
TOTAL OLD RECR BUILDING EXP		5,320.74	4,123.42	5,001.03	2,186.16	7,627.00	7,627.00	.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
011822	WEST HARWICH SCHOOL EXP							
<u>011822 521100</u>	ELECTRIC	383.25	403.67	364.98	270.44	396.00	396.00	.0%
<u>011822 521200</u>	GAS	24.67	.00	.00	.00	27.50	27.50	.0%
<u>011822 524300</u>	OTHER REPR	.00	.00	.00	.00	1,000.00	1,000.00	.0%
	TOTAL WEST HARWICH SCHOOL EX	407.92	403.67	364.98	270.44	1,423.50	1,423.50	.0%
011831	COMMUNITY DEVELOPMENT - S&W							
<u>011831 511800</u>	PTS&WYRROU	1,124.01	11,819.91	1,523.10	764.41	1,892.10	1,892.10	.0%
<u>011831 511900</u>	S&W	207,633.65	200,783.94	194,591.17	119,127.58	228,219.95	219,886.12	-3.7%
<u>011831 512500</u>	COMP TIME	2,442.02	2,706.24	1,209.32	1,340.33	.00	.00	.0%
<u>011831 513000</u>	OVERTIME	5,634.76	4,472.84	4,280.86	2,338.78	7,011.48	7,011.48	.0%
<u>011831 514000</u>	LONGBONUS	1,635.82	2,224.77	2,836.47	475.00	4,421.47	4,960.55	12.2%
<u>011831 515007</u>	SCKLVBONUS	408.33	.00	700.00	700.00	1,400.00	1,400.00	.0%
<u>011831 515011</u>	ADMIN LEAV	.00	3,753.40	6,700.75	.00	.00	.00	.0%
	TOTAL COMMUNITY DEVELOPMENT	218,878.59	225,761.10	211,841.67	124,746.10	242,945.00	235,150.25	-3.2%
011832	COMMUNITY DEVELOPMENT - EXP							
<u>011832 530300</u>	DATA PROC.	.00	120.00	120.00	70.00	240.00	240.00	.0%
<u>011832 538000</u>	OTHPURCHSV	210.21	799.49	.00	.00	765.00	765.00	.0%
<u>011832 542000</u>	OFF SUPPLS	10,623.76	8,287.76	6,475.93	5,095.51	12,108.00	12,108.00	.0%
	TOTAL COMMUNITY DEVELOPMENT	10,833.97	9,207.25	6,595.93	5,165.51	13,113.00	13,113.00	.0%
011912	PUBLIC BUILDINGS REPAIR - EXP							
<u>011912 524300</u>	OTHER REPR	.00	.00	.00	.00	2,133.00	2,133.00	.0%
	TOTAL PUBLIC BUILDINGS REPAI	.00	.00	.00	.00	2,133.00	2,133.00	.0%
011922	TOWN/FIN COM REPORTS - EXP							
<u>011922 530900</u>	OTH PROFES	7,658.27	7,766.12	5,961.44	1,540.20	10,000.00	10,000.00	.0%
	TOTAL TOWN/FIN COM REPORTS -	7,658.27	7,766.12	5,961.44	1,540.20	10,000.00	10,000.00	.0%
011942	ADVERTISING							
<u>011942 534100</u>	ADV	21,671.40	22,229.46	4,788.00	14,376.00	22,750.00	22,750.00	.0%
	TOTAL ADVERTISING	21,671.40	22,229.46	4,788.00	14,376.00	22,750.00	22,750.00	.0%
011992	CVEC ELECTRIC EXPENSES							
<u>011992 521100</u>	ELECTRIC	66,254.32	68,140.13	71,704.73	.00	73,900.00	75,750.00	2.5%
	TOTAL CVEC ELECTRIC EXPENSES	66,254.32	68,140.13	71,704.73	.00	73,900.00	75,750.00	2.5%

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

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ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
012101	POLICE - S&W							
<u>012101 511800</u>	PTS&WYRROU	34,200.39	8,434.57	16,569.00	4,707.40	20,856.70	1,000.00	-95.2%
<u>012101 511900</u>	S&W	2,758,644.56	2,906,040.02	3,053,652.73	2,037,965.99	3,363,983.71	3,413,909.01	1.5%
<u>012101 513000</u>	OVERTIME	549,095.58	543,497.99	369,819.80	280,477.72	530,250.67	530,788.91	.1%
<u>012101 514000</u>	LONGEVITY	17,377.32	19,304.99	19,637.26	11,058.98	90,065.98	108,183.13	20.1%
<u>012101 515002</u>	HOLIDAY PA	14,757.56	12,744.15	15,441.22	8,559.18	22,665.69	26,646.14	17.6%
<u>012101 515007</u>	SCKLVBONUS	700.00	350.00	.00	350.00	1,400.00	1,400.00	.0%
<u>012101 515009</u>	ED INCENT	9,429.19	11,629.89	9,793.43	.00	12,667.64	16,468.07	30.0%
<u>012101 517900</u>	OTHER FRIN	.00	.00	11,200.00	12,650.00	.00	37,100.00	.0%
	TOTAL POLICE - S&W	3,384,204.60	3,502,001.61	3,496,113.44	2,355,769.27	4,041,890.39	4,135,495.26	2.3%
012102	POLICE - EXP							
<u>012102 517900</u>	CLOTHING	50,470.28	50,248.91	40,886.65	2,366.00	60,650.00	16,700.00	-72.5%
<u>012102 521100</u>	ELECTRIC	79,173.80	75,622.31	69,420.02	54,106.27	95,936.84	85,000.00	-11.4%
<u>012102 521200</u>	GAS	18,091.81	17,959.75	13,978.32	7,359.33	18,858.76	18,858.76	.0%
<u>012102 523000</u>	WATER	2,877.74	3,215.83	2,993.77	1,952.24	3,445.00	3,900.00	13.2%
<u>012102 524200</u>	OFF EQU RE	40,967.52	33,010.93	32,142.18	28,944.64	38,279.00	39,619.08	3.5%
<u>012102 524300</u>	OTHER REPR	3,555.67	1,712.25	1,200.86	1,532.45	4,290.00	3,790.00	-11.7%
<u>012102 527000</u>	RENT&LEASE	8,301.44	7,821.44	6,175.60	.00	5,500.00	5,500.00	.0%
<u>012102 530600</u>	MEDICAL SV	13,768.70	7,542.35	2,739.19	600.75	8,164.75	8,554.00	4.8%
<u>012102 530900</u>	OTH PROFES	24,479.34	45,185.67	24,746.92	4,482.57	31,504.00	34,609.00	9.9%
<u>012102 534100</u>	ADV	1,219.26	1,157.10	.00	527.40	1,500.00	1,000.00	-33.3%
<u>012102 534200</u>	DEL SERV	936.65	1,297.25	877.59	534.40	1,500.00	1,500.00	.0%
<u>012102 534400</u>	TELEPHONE	19,828.69	22,518.22	23,212.56	13,591.99	25,590.00	24,996.00	-2.3%
<u>012102 534900</u>	OTH COMUN	20,498.38	.00	.00	.00	.00	.00	.0%
<u>012102 538000</u>	OTHPURCHSV	67,025.35	58,718.68	41,430.97	19,992.53	53,350.00	74,150.00	39.0%
<u>012102 542000</u>	OFF SUPPLS	12,290.91	12,283.05	10,899.81	6,395.73	15,750.00	15,500.00	-1.6%
<u>012102 543000</u>	MAINT EQUIP	2,472.17	4,242.41	3,420.59	3,128.82	6,050.00	6,600.00	9.1%
<u>012102 545000</u>	CUST SUP	74.70	31.55	64.45	85.50	500.00	.00	-100.0%
<u>012102 548100</u>	BULK FUEL	54,465.75	62,064.91	59,881.76	15,182.04	69,964.50	69,964.50	.0%
<u>012102 548900</u>	VEHIC PART	7,353.14	2,976.05	926.08	678.97	4,000.00	5,000.00	25.0%
<u>012102 549000</u>	FOOD SUPPL	804.16	1,121.02	734.54	163.83	1,250.00	1,000.00	-20.0%
<u>012102 553000</u>	SUPPLIES	2,825.15	1,113.28	1,199.14	.00	900.00	900.00	.0%
<u>012102 558000</u>	OTH.SUP.NE	91,683.89	60,053.49	31,686.36	5,939.50	46,847.00	43,284.00	-7.6%
<u>012102 573000</u>	DUE,SB,TRV	11,307.45	13,604.68	7,271.81	5,370.25	12,813.00	12,612.00	-1.6%
<u>012102 578000</u>	OTHER UNCL	9,833.39	1,040.02	.00	.00	.00	.00	.0%
	TOTAL POLICE - EXP	544,305.34	484,541.15	375,889.17	172,935.21	506,642.85	473,037.34	-6.6%
012108	POLICE - CAP OUTLAY							
<u>012108 585000</u>	CAP OUTLAY	121,482.10	131,100.00	85,810.97	-48,257.40	60,000.00	.00	-100.0%
	TOTAL POLICE - CAP OUTLAY	121,482.10	131,100.00	85,810.97	-48,257.40	60,000.00	.00	-100.0%
012201	FIRE - S&W							

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
012201 511800	PTS&WYRROU	61,857.62	61,549.45	62,839.88	31,087.81	48,649.40	48,177.48	-1.0%
012201 511900	S&W	2,169,748.12	2,391,543.96	2,550,545.65	1,694,716.10	2,716,217.96	2,727,684.20	.4%
012201 512501	STIPEND	.00	750.00	1,500.00	980.70	.00	.00	.0%
012201 513000	OVERTIME	760,858.18	918,982.80	758,714.37	473,660.31	925,566.81	1,004,200.65	8.5%
012201 514000	LONGEVITY	118,226.75	118,589.22	105,728.33	85,153.04	100,780.74	96,700.78	-4.0%
012201 515000	Vac S&W	5,231.52	14,112.22	.00	.00	5,462.00	6,963.46	27.5%
012201 515002	HOLIDAY PA	84,296.96	99,524.16	109,425.19	71,917.66	147,892.36	145,873.98	-1.4%
012201 515005	Sick By-Bk	15,442.18	139.13	3,930.12	.00	.00	.00	.0%
012201 515007	SCKLVBONUS	.00	.00	350.00	350.00	700.00	700.00	.0%
012201 515009	ED INCENT	138,020.58	145,249.06	143,002.09	.00	189,244.84	179,467.15	-5.2%
TOTAL FIRE - S&W		3,353,681.91	3,750,440.00	3,736,035.63	2,357,865.62	4,134,514.11	4,209,767.70	1.8%
012202 FIRE - EXP								
012202 517900	CLOTHING	49,753.38	41,023.52	47,836.69	21,303.20	35,200.00	50,200.00	42.6%
012202 521100	ELECTRIC	6,805.38	10,350.52	12,116.42	10,961.92	18,909.91	18,909.91	.0%
012202 521200	GAS	17,186.78	15,470.71	15,332.43	10,762.46	21,791.12	21,791.12	.0%
012202 523000	WATER	1,678.86	1,514.31	1,566.32	1,687.18	1,990.02	3,085.69	55.1%
012202 524100	VEH REPR	23,105.97	10,078.34	4,075.55	1,496.57	8,000.00	5,000.00	-37.5%
012202 524200	OFF EQU RE	3,237.12	3,295.63	2,827.75	2,002.00	3,523.00	3,523.00	.0%
012202 524300	OTHER REPR	8,655.85	4,961.09	5,457.27	3,640.95	10,000.00	13,000.00	30.0%
012202 530600	MEDICAL SV	4,916.60	5,030.00	4,337.03	2,223.31	4,400.00	134,510.00	2957.0%
012202 530900	OTH PROFES	10,765.37	12,763.46	12,655.71	20,640.28	29,025.00	29,634.29	2.1%
012202 534200	DEL SERV	24.90	.00	.00	.00	100.00	100.00	.0%
012202 534400	TELEPHONE	7,897.85	9,844.90	7,612.91	5,497.42	14,050.00	14,050.00	.0%
012202 534900	OTH COMUN	94,226.98	94,212.55	110,205.01	106,523.45	111,713.23	117,044.85	4.8%
012202 542000	OFF SUPPLS	7,079.43	7,491.89	8,296.14	4,888.98	9,300.00	9,300.00	.0%
012202 543000	MAINT EQUIP	11,729.29	8,397.86	9,348.59	6,239.29	11,960.00	10,800.00	-9.7%
012202 545000	CUST SUP	6,131.97	5,726.00	7,214.57	4,201.32	6,350.00	6,350.00	.0%
012202 548100	BULK FUEL	34,704.76	42,732.60	40,938.40	12,131.77	45,403.00	45,403.00	.0%
012202 558000	OTH.SUP.NE	38,699.78	22,434.45	20,458.30	14,254.86	38,500.00	37,000.00	-3.9%
012202 573000	DUE,SB,TRV	2,875.08	2,903.61	2,539.67	1,870.46	4,867.00	6,467.00	32.9%
012202 578000	OTHER UNCL	59,059.71	61,800.48	39,788.68	15,122.69	25,110.00	25,160.00	.2%
TOTAL FIRE - EXP		388,535.06	360,031.92	352,607.44	245,448.11	400,192.28	551,328.86	37.8%
012311 AMBULANCE - S&W								
012311 513000	OVERTIME	112,766.58	137,969.04	86,233.25	67,594.66	124,218.60	.00	-100.0%
TOTAL AMBULANCE - S&W		112,766.58	137,969.04	86,233.25	67,594.66	124,218.60	.00	-100.0%
012312 EMS EXPENSE								
012312 517900	EMS FEES	15,305.86	14,785.00	13,000.00	11,431.00	15,245.00	.00	-100.0%
012312 538000	OTHPURCHSV	17,047.40	17,313.73	28,583.40	16,025.32	26,600.00	.00	-100.0%
012312 550000	MED SUPPLY	103,960.80	86,368.60	80,748.76	51,862.04	82,250.00	.00	-100.0%
TOTAL EMS EXPENSE		136,314.06	118,467.33	122,332.16	79,318.36	124,095.00	.00	-100.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
012411	BUILDING - S&W							
<u>012411 511800</u>	PTS&WYRROU	134,950.30	17,920.50	8,987.22	8,518.19	41,167.89	40,186.96	-2.4%
<u>012411 511900</u>	S&W	110,961.72	150,208.59	149,572.57	97,125.89	156,324.18	157,866.82	1.0%
<u>012411 515007</u>	SCKLVBONUS	495.83	408.33	350.00	204.17	700.00	700.00	.0%
	TOTAL BUILDING - S&W	246,407.85	168,537.42	158,909.79	105,848.25	198,192.07	198,753.78	.3%
012412	BUILDING - EXP							
<u>012412 517900</u>	CLOTHING	1,262.70	2,282.80	750.00	500.00	1,941.00	3,132.00	61.4%
<u>012412 534400</u>	TELEPHONE	117.00	.00	.85	358.51	3,249.00	3,249.00	.0%
<u>012412 542000</u>	OFF SUPPLS	85.98	244.00	.00	.00	.00	.00	.0%
<u>012412 548100</u>	BULK FUEL	914.08	1,272.86	1,028.08	245.38	2,577.94	2,577.94	.0%
<u>012412 573000</u>	DUE, SB, TRV	8,969.62	10,021.87	8,789.34	1,396.55	4,908.00	4,908.00	.0%
	TOTAL BUILDING - EXP	11,349.38	13,821.53	10,568.27	2,500.44	12,675.94	13,866.94	9.4%
012421	GAS - S&W							
<u>012421 511800</u>	PTS&WYRROU	.00	71,853.10	76,633.47	45,839.17	80,164.71	79,623.00	-.7%
	TOTAL GAS - S&W	.00	71,853.10	76,633.47	45,839.17	80,164.71	79,623.00	-.7%
012442	SEALER OF WEIGHTS & MEASURES							
<u>012442 530000</u>	Prof & Tec	.00	.00	.00	12,300.00	12,300.00	12,608.00	2.5%
	TOTAL SEALER OF WEIGHTS & ME	.00	.00	.00	12,300.00	12,300.00	12,608.00	2.5%
012451	ELECTRICAL							
<u>012451 511800</u>	PTS&WYRROU	.00	50,500.77	47,992.55	34,346.88	58,832.90	57,793.50	-1.8%
	TOTAL ELECTRICAL	.00	50,500.77	47,992.55	34,346.88	58,832.90	57,793.50	-1.8%
012911	EMERGENCY MANAGEMENT S&W							
<u>012911 511800</u>	PTS&WYRROU	2,443.66	1,031.72	2,299.50	573.07	5,355.00	5,355.00	.0%
	TOTAL EMERGENCY MANAGEMENT S	2,443.66	1,031.72	2,299.50	573.07	5,355.00	5,355.00	.0%
012912	EMERGENCY MANAGEMENT							
<u>012912 524300</u>	OTHER REPR	164.75	.00	.00	.00	2,500.00	2,500.00	.0%
<u>012912 534400</u>	TELEPHONE	611.88	1,134.32	968.64	360.43	2,000.00	2,000.00	.0%
<u>012912 542000</u>	OFF SUPPLS	.00	.00	.00	.00	100.00	100.00	.0%
<u>012912 548100</u>	BULK FUEL	439.77	1,970.74	2,014.90	533.03	1,600.00	1,600.00	.0%
<u>012912 553000</u>	P.W. SUPPL	.00	.00	.00	.00	400.00	400.00	.0%
<u>012912 558000</u>	OTH. SUP.NE	-3,220.00	.00	4,050.00	.00	.00	.00	.0%
<u>012912 578000</u>	OTHER UNCL	5,320.60	1,456.52	41.50	.00	1,900.00	1,900.00	.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
TOTAL EMERGENCY MANAGEMENT		3,317.00	4,561.58	7,075.04	893.46	8,500.00	8,500.00	.0%
012961	NATURAL RESOURSCES S&W							
<u>012961 511900</u>	S&W	85,269.22	94,802.83	101,474.23	67,019.32	103,503.00	103,503.00	.0%
<u>012961 512000</u>	SEAS S & W	6,210.12	7,070.50	7,707.15	7,550.82	7,707.60	7,755.60	.6%
<u>012961 514000</u>	LONGBONUS	4,263.45	.00	1,014.74	2,070.06	2,070.06	3,105.09	50.0%
<u>012961 515007</u>	SCKLVBONUS	600.00	350.00	350.00	350.00	350.00	350.00	.0%
TOTAL NATURAL RESOURSCES S&W		96,342.79	102,223.33	110,546.12	76,990.20	113,630.66	114,713.69	1.0%
012962	NATURAL RESOURCES							
<u>012962 517900</u>	CLOTHING	.00	250.00	250.00	250.00	250.00	250.00	.0%
<u>012962 524300</u>	OTHER REPR	388.63	373.71	.00	29.48	700.00	700.00	.0%
<u>012962 530900</u>	PROG/TECH	14,352.48	12,573.76	9,460.00	838.07	12,500.00	12,500.00	.0%
<u>012962 534400</u>	TELEPHONE	1,740.99	2,183.86	2,277.41	1,328.15	2,300.00	2,300.00	.0%
<u>012962 542000</u>	OFF SUPPLS	348.74	337.63	90.42	104.17	250.00	250.00	.0%
<u>012962 543000</u>	MAINT EQUIP	591.31	1,861.49	357.33	344.08	1,200.00	1,200.00	.0%
<u>012962 553000</u>	P.W. SUPPL	8,496.31	9,664.46	8,849.38	1,569.30	10,000.00	8,900.00	-11.0%
<u>012962 573000</u>	DUE, SB, TRV	1,079.96	590.00	240.00	50.00	1,000.00	1,000.00	.0%
TOTAL NATURAL RESOURCES		26,998.42	27,834.91	21,524.54	4,513.25	28,200.00	27,100.00	-3.9%
012972	PLEASANT BAY ALLIANCE EXPENSE							
<u>012972 530900</u>	PROG/TECH	17,343.00	20,160.00	23,760.00	23,760.00	23,760.00	23,760.00	.0%
TOTAL PLEASANT BAY ALLIANCE		17,343.00	20,160.00	23,760.00	23,760.00	23,760.00	23,760.00	.0%
013012	C C REGIONAL TECH HIGH SCHOOL							
<u>013012 532000</u>	TUIT-OTHER	1,487,362.00	1,581,236.00	2,317,475.00	1,390,231.00	1,737,789.00	1,536,309.00	-11.6%
TOTAL C C REGIONAL TECH HIGH		1,487,362.00	1,581,236.00	2,317,475.00	1,390,231.00	1,737,789.00	1,536,309.00	-11.6%
013022	MONOMOY REG SCHOOL DISTRICT							
<u>013022 532000</u>	TUIT-OTHER	24,759,749.00	25,609,390.00	26,643,415.00	19,030,508.00	26,820,046.00	27,667,807.00	3.2%
TOTAL MONOMOY REG SCHOOL DIS		24,759,749.00	25,609,390.00	26,643,415.00	19,030,508.00	26,820,046.00	27,667,807.00	3.2%
013921	IMA MONOMOY GROUNDS							
<u>013921 511900</u>	S&W	.00	38,000.00	.00	.00	.00	.00	.0%
<u>013921 513000</u>	OVERTIME	.00	.00	38,000.00	8,570.71	39,538.00	39,538.00	.0%
TOTAL IMA MONOMOY GROUNDS		.00	38,000.00	38,000.00	8,570.71	39,538.00	39,538.00	.0%
013922	IMA MONOMOY GROUNDS							

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>013922 553000</u>	P.W. SUPPL	.00	44,000.00	44,000.00	11,013.73	44,000.00	44,000.00	.0%
TOTAL IMA MONOMOY GROUNDS		.00	44,000.00	44,000.00	11,013.73	44,000.00	44,000.00	.0%
014111 TOWN ENGINEER								
<u>014111 511900</u>	S&W	167,590.31	107,399.03	115,650.70	73,507.41	114,199.00	114,199.00	.0%
<u>014111 514000</u>	LONGEVITY	6,666.05	7,873.13	.00	.00	.00	.00	.0%
<u>014111 515007</u>	SCKLVBONUS	.00	.00	58.24	350.00	350.00	350.00	.0%
TOTAL TOWN ENGINEER		174,256.36	115,272.16	115,708.94	73,857.41	114,549.00	114,549.00	.0%
014112 TOWN ENGINEER								
<u>014112 517900</u>	CLOTHING	633.90	500.00	250.00	250.00	550.00	550.00	.0%
<u>014112 524200</u>	OFF EQU RE	.00	.00	1,240.00	880.00	840.00	840.00	.0%
<u>014112 530900</u>	OTH PROFES	7,274.12	18,794.47	21,990.58	10,688.78	70,900.00	20,900.00	-70.5%
<u>014112 534400</u>	TELEPHONE	.00	.00	.00	93.78	.00	720.00	.0%
<u>014112 542000</u>	OFF SUPPLS	943.13	290.55	316.87	87.17	1,000.00	900.00	-10.0%
<u>014112 542013</u>	HARD/SOFT	.00	2,673.71	2,730.21	2,730.21	3,300.00	3,300.00	.0%
<u>014112 548100</u>	BULK FUEL	372.36	236.65	247.01	19.30	1,020.00	700.00	-31.4%
<u>014112 553000</u>	P.W. SUPPL	.00	.00	.00	.00	800.00	500.00	-37.5%
<u>014112 558000</u>	OTH.SUP.NE	133.77	.00	.00	.00	.00	.00	.0%
<u>014112 573000</u>	DUE,SB,TRV	474.00	200.00	373.28	-.01	1,900.00	1,900.00	.0%
TOTAL TOWN ENGINEER		9,831.28	22,695.38	27,147.95	14,749.23	80,310.00	30,310.00	-62.3%
014211 HIGHWAY SALARIES & WAGES								
<u>014211 511800</u>	PTS&WYRROU	19,018.59	19,817.19	27,951.00	9,692.98	13,417.49	13,285.94	-1.0%
<u>014211 511810</u>	HWY/LNDS&W	78,129.84	95,380.77	114,047.68	64,649.50	62,121.25	52,718.59	-15.1%
<u>014211 511890</u>	PT YR CUST	28,368.12	24,816.52	23,436.06	4,060.69	51,718.02	48,161.22	-6.9%
<u>014211 511900</u>	S&W	824,783.80	907,448.62	951,553.25	646,234.83	1,116,463.81	1,048,731.61	-6.1%
<u>014211 511910</u>	HWY/LNDS&W	453,481.21	477,206.53	468,755.55	298,421.74	504,365.44	552,384.16	9.5%
<u>014211 511920</u>	HWY/CEMS&W	113,896.58	116,985.21	115,409.56	77,055.45	122,649.12	121,458.96	-1.0%
<u>014211 511930</u>	HWY/PRKS&W	170,362.54	180,013.89	115,002.35	76,951.11	115,362.00	121,458.96	5.3%
<u>014211 511950</u>	HWYBLDGMT	244,413.82	246,880.40	242,261.29	159,110.67	263,484.72	260,937.36	-1.0%
<u>014211 511990</u>	CUST S&W	233,862.77	240,432.38	233,865.22	144,409.67	248,451.12	242,676.64	-2.3%
<u>014211 512000</u>	SEAS S & W	9,772.50	17,742.00	37,388.75	11,050.88	25,418.40	25,480.00	.2%
<u>014211 512010</u>	HWY/LNDSEA	.00	.00	.00	.00	12,709.20	.00	-100.0%
<u>014211 512020</u>	HWYCEMSEAS	.00	.00	.00	.00	31,130.40	31,080.00	-.2%
<u>014211 512030</u>	HWYPRKSEAS	52,586.50	24,476.00	20,455.00	10,344.50	74,970.00	46,620.00	-37.8%
<u>014211 512500</u>	COMP TIME	5,067.30	5,471.60	5,369.47	2,454.19	.00	.00	.0%
<u>014211 512510</u>	COMP TIME	4,915.58	5,391.29	5,390.10	3,990.72	.00	.00	.0%
<u>014211 512520</u>	COMP CEM	814.62	451.69	460.73	230.36	.00	.00	.0%
<u>014211 512530</u>	COMP PARK	2,581.38	892.52	697.06	334.68	.00	.00	.0%
<u>014211 512550</u>	COMP BLDG	2,898.18	5,402.85	7,175.84	6,852.41	.00	.00	.0%
<u>014211 512590</u>	COMP CUST	1,017.12	1,437.04	279.25	93.08	.00	.00	.0%
<u>014211 513000</u>	OVERTIME	64,060.50	69,400.19	58,597.36	43,607.71	58,542.60	57,729.31	-1.4%
<u>014211 513010</u>	HWY/LND OT	103,135.87	113,223.31	94,331.97	77,204.69	77,305.33	84,033.68	8.7%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>014211 513020</u>	HWY/CEM OT	5,536.14	4,681.42	1,528.90	234.72	5,727.15	5,671.90	-1.0%
<u>014211 513030</u>	HWY/PKS OT	19,402.55	13,855.16	4,453.94	4,055.64	5,387.20	5,671.90	5.3%
<u>014211 513050</u>	HWYBLDG OT	19,825.47	13,579.97	9,592.16	2,870.88	18,755.60	18,575.18	-1.0%
<u>014211 513090</u>	CUST OT	12,608.36	19,758.86	21,060.96	1,360.93	11,423.36	11,158.20	-2.3%
<u>014211 514000</u>	LONGEVITY	5,464.12	5,218.93	3,388.11	5,324.17	.00	.00	.0%
<u>014211 514090</u>	CUST LONG	8,878.90	8,107.84	10,206.56	2,327.26	15,843.56	9,875.83	-37.7%
<u>014211 515005</u>	SICK BY-BK	3,232.04	.00	.00	2,437.47	.00	.00	.0%
<u>014211 515007</u>	SCKLVBONUS	7,525.00	5,250.00	6,300.00	700.00	12,950.00	13,300.00	2.7%
TOTAL HIGHWAY SALARIES & WAG		2,495,639.40	2,623,322.18	2,578,958.12	1,656,060.93	2,848,195.77	2,771,009.44	-2.7%
014212 HIGHWAY EXPENSE								
<u>014212 517900</u>	CLOTHING	32,501.32	35,790.39	33,832.78	26,812.92	40,232.00	41,561.00	3.3%
<u>014212 521100</u>	ELECTRIC	29,157.66	26,466.06	26,698.53	19,195.78	27,960.00	27,960.00	.0%
<u>014212 521200</u>	GAS	10,630.56	10,107.47	8,637.21	5,038.97	11,040.00	11,040.00	.0%
<u>014212 523000</u>	WATER	3,783.75	3,074.58	2,485.83	2,212.48	3,150.00	3,300.00	4.8%
<u>014212 524200</u>	OFF EQU RE	812.50	870.80	1,063.55	800.00	1,350.00	1,350.00	.0%
<u>014212 524300</u>	OTHER REPR	75,689.03	61,867.03	66,159.70	54,807.69	76,650.00	76,650.00	.0%
<u>014212 527000</u>	RENT&LEASE	15,294.16	18,209.81	9,379.00	21,118.26	16,000.00	16,000.00	.0%
<u>014212 529000</u>	O/PROP SER	159,257.21	189,902.32	143,613.88	75,545.56	242,700.00	242,700.00	.0%
<u>014212 530600</u>	MEDICAL SV	5,172.13	7,104.75	1,879.97	1,951.46	6,830.00	6,830.00	.0%
<u>014212 534100</u>	ADV	726.37	673.20	1,192.80	434.60	1,200.00	1,200.00	.0%
<u>014212 534400</u>	TELEPHONE	9,125.71	9,296.75	8,264.48	7,041.20	10,435.00	11,700.00	12.1%
<u>014212 538000</u>	OTHPURCHSV	1,538,632.98	1,742,991.62	1,667,428.85	1,478,043.81	2,177,506.00	2,220,073.60	2.0%
<u>014212 542000</u>	OFF SUPPLS	7,474.54	8,919.68	6,752.38	4,443.19	8,000.00	8,000.00	.0%
<u>014212 543000</u>	MAINT EQUIP	17,597.30	8,404.98	20,735.10	5,430.49	21,000.00	28,500.00	35.7%
<u>014212 545000</u>	CUST SUP	27,597.98	34,359.55	29,020.81	14,900.50	38,000.00	38,000.00	.0%
<u>014212 548100</u>	BULK FUEL	139,007.42	177,396.15	165,823.63	56,096.48	147,699.08	132,470.80	-10.3%
<u>014212 548900</u>	VEHIC PART	309,870.61	388,233.90	367,939.93	279,156.04	300,000.00	300,000.00	.0%
<u>014212 553000</u>	P.W. SUPPL	72,419.06	69,106.76	53,237.34	43,433.55	65,000.00	65,000.00	.0%
<u>014212 554000</u>	RD MT SUP	43,285.44	8,274.10	48,312.87	8,662.59	25,400.00	65,400.00	157.5%
<u>014212 558000</u>	OTH.SUP.NE	2,594.06	3,448.00	3,152.35	3,212.41	4,900.00	3,900.00	-20.4%
<u>014212 573000</u>	DUE, SB, TRV	812.19	1,399.19	1,046.19	718.20	1,527.00	2,130.00	39.5%
TOTAL HIGHWAY EXPENSE		2,501,441.98	2,805,897.09	2,666,657.18	2,109,056.18	3,226,579.08	3,303,765.40	2.4%
014231 SNOW/ICE SALARIES & WAGES								
<u>014231 513000</u>	OVERTIME	104,575.88	81,498.62	25,914.48	90,611.99	40,000.00	40,000.00	.0%
TOTAL SNOW/ICE SALARIES & WA		104,575.88	81,498.62	25,914.48	90,611.99	40,000.00	40,000.00	.0%
014232 SNOW/ICE EQPT HIRE/MATERIALS								
<u>014232 527000</u>	RENT&LEASE	88,825.26	53,453.50	11,860.50	60,111.50	50,000.00	50,000.00	.0%
<u>014232 553000</u>	P.W. SUPPL	172,098.86	137,511.22	55,094.56	138,554.85	45,000.00	45,000.00	.0%
TOTAL SNOW/ICE EQPT HIRE/MAT		260,924.12	190,964.72	66,955.06	198,666.35	95,000.00	95,000.00	.0%
014242 STREET LIGHTS								

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TOWN OF HARWICH - LIVE DATA
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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>014242 521100</u>	ELECTRIC	31,372.47	22,731.17	30,356.15	15,939.82	35,000.00	31,000.00	-11.4%
	TOTAL STREET LIGHTS	31,372.47	22,731.17	30,356.15	15,939.82	35,000.00	31,000.00	-11.4%
014911	CEMETERY ADMINISTRATION							
<u>014911 511900</u>	S&W	59,859.81	61,056.84	65,131.09	42,762.05	66,434.00	66,434.00	.0%
<u>014911 514000</u>	LONGEVITY	2,993.00	3,663.42	4,559.17	4,650.38	4,650.38	4,650.38	.0%
<u>014911 515007</u>	SCKLVBONUS	350.00	350.00	350.00	.00	350.00	350.00	.0%
	TOTAL CEMETERY ADMINISTRATIO	63,202.81	65,070.26	70,040.26	47,412.43	71,434.38	71,434.38	.0%
014912	CEMETERY ADMINISTRATION							
<u>014912 517900</u>	OTHER FRIN	325.00	90.00	59.99	.00	325.00	325.00	.0%
<u>014912 523000</u>	WATER	1,891.93	1,520.27	2,033.35	1,092.26	2,352.00	2,384.82	1.4%
<u>014912 534400</u>	TELEPHONE	.00	.00	.00	.00	612.00	612.00	.0%
<u>014912 542000</u>	OFF SUPPLS	190.54	573.50	1,042.00	494.66	510.00	510.00	.0%
<u>014912 573000</u>	DUE, SB, TRV	756.65	1,596.85	1,534.58	789.39	1,276.28	1,886.28	47.8%
<u>014912 578000</u>	UNCLASS	40,129.54	705.86	.00	.00	.00	.00	.0%
	TOTAL CEMETERY ADMINISTRATIO	43,293.66	4,486.48	4,669.92	2,376.31	5,075.28	5,718.10	12.7%
015101	BOARD OF HEALTH							
<u>015101 511800</u>	PTS&WYRROU	26,375.23	22,217.70	28,421.78	17,506.22	43,117.05	43,117.05	.0%
<u>015101 511900</u>	S&W	107,122.85	138,572.91	153,628.78	97,173.02	158,904.80	147,744.77	-7.0%
<u>015101 513000</u>	OVERTIME	327.80	2,634.07	220.39	228.27	1,159.50	1,159.50	.0%
<u>015101 514000</u>	LONGEVITY	5,968.83	.00	.00	.00	.00	475.00	.0%
<u>015101 515007</u>	SCKLVBONUS	.00	145.84	700.00	350.00	700.00	700.00	.0%
	TOTAL BOARD OF HEALTH	139,794.71	163,570.52	182,970.95	115,257.51	203,881.35	193,196.32	-5.2%
015102	BOARD OF HEALTH EXPENSE							
<u>015102 517900</u>	OTHER FRIN	779.50	950.00	750.00	500.00	950.00	950.00	.0%
<u>015102 530600</u>	MEDICAL SV	2,835.00	3,061.26	3,311.07	1,277.50	4,000.00	4,000.00	.0%
<u>015102 534100</u>	ADV	731.03	.00	.00	.00	.00	.00	.0%
<u>015102 534400</u>	TELEPHONE	.00	.00	.00	280.60	.00	1,200.00	.0%
<u>015102 538000</u>	OTHPURCHSV	8,610.00	6,083.73	2,140.00	.00	6,900.00	3,400.00	-50.7%
<u>015102 542000</u>	OFF SUPPLS	.00	.00	.00	599.98	.00	.00	.0%
<u>015102 548100</u>	BULK FUEL	385.51	447.64	267.29	84.16	460.25	460.25	.0%
<u>015102 573000</u>	DUE, SB, TRV	2,868.16	2,698.02	1,837.65	941.63	4,080.00	2,550.00	-37.5%
	TOTAL BOARD OF HEALTH EXPENS	16,209.20	13,240.65	8,306.01	3,683.87	16,390.25	12,560.25	-23.4%
015401	COMMUNITY CENTER S&W							
<u>015401 511800</u>	PTS&WYRROU	30,379.58	22,028.26	25,131.40	15,453.04	25,290.09	25,677.02	1.5%
<u>015401 511900</u>	S&W	128,829.07	149,255.28	158,758.82	105,007.39	164,328.94	166,393.56	1.3%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
015401 512500	COMP TIME	.00	.00	41.03	.00	.00	.00	.0%
015401 513000	OVERTIME	3,031.06	1,427.77	102.56	.00	1,000.00	1,000.00	.0%
015401 514000	LONGEVITY	2,558.07	.00	1,014.74	2,070.06	2,070.00	3,105.09	50.0%
015401 515007	SCKLVBONUS	700.00	700.00	350.00	350.00	700.00	700.00	.0%
015401 516000	EOS	.00	2,874.55	75.00	.00	.00	.00	.0%
TOTAL COMMUNITY CENTER S&W		165,497.78	176,285.86	185,473.55	122,880.49	193,389.03	196,875.67	1.8%
015402 COMMUNITY CENTER EXPENSE								
015402 521100	ELECTRIC	56,825.89	54,338.28	52,006.00	35,965.35	58,157.69	57,056.00	-1.9%
015402 521200	GAS	41,582.22	28,625.97	27,846.39	18,314.55	30,058.00	30,058.00	.0%
015402 522241	Printing	.00	.00	2,578.54	.00	1,975.00	1,975.00	.0%
015402 523000	WATER	1,879.74	1,638.92	1,293.57	619.64	1,800.00	1,920.00	6.7%
015402 524007	COPIERS	.00	.00	5,763.07	.00	2,482.00	1,200.00	-51.7%
015402 524010	Comp Netrk	.00	.00	1,870.17	.00	2,600.00	2,900.00	11.5%
015402 524300	OTHER REPR	12,787.00	8,539.87	6,953.10	323.12	7,950.00	6,050.00	-23.9%
015402 534400	TELEPHONE	.00	.00	375.25	1,045.50	1,000.00	1,000.00	.0%
015402 538000	OTHPURCHSV	12,048.83	13,657.07	5,258.74	5,458.37	8,183.58	7,583.00	-7.3%
015402 542000	OFF SUPPLS	3,119.85	2,652.55	3,163.10	262.43	3,248.00	3,248.00	.0%
015402 542100	OFFC EQUIP	.00	.00	679.52	.00	4,400.00	4,700.00	6.8%
015402 546000	GROUND SUP	3,062.30	2,710.14	682.37	500.00	3,500.00	3,500.00	.0%
TOTAL COMMUNITY CENTER EXPEN		131,305.83	112,162.80	108,469.82	62,488.96	125,354.27	121,190.00	-3.3%
015411 COUNCIL ON AGING S&W								
015411 511800	PTS&WYRROU	39,867.38	41,871.98	40,174.24	24,649.41	56,458.12	50,915.57	-9.8%
015411 511900	S&W	303,899.60	298,927.69	308,720.69	188,171.90	326,336.68	328,402.25	.6%
015411 513000	OVERTIME	555.80	957.49	247.24	719.61	.00	.00	.0%
015411 514000	LONGEVITY	14,504.59	8,503.77	9,719.70	4,818.09	10,924.56	11,244.32	2.9%
015411 515005	SICK BY-BK	9,814.29	.00	.00	.00	.00	.00	.0%
015411 515007	SCKLVBONUS	1,400.00	1,691.70	1,400.00	1,750.00	2,450.00	2,450.00	.0%
TOTAL COUNCIL ON AGING S&W		370,041.66	351,952.63	360,261.87	220,109.01	396,169.36	393,012.14	-.8%
015412 COUNCIL ON AGING EXPENSE								
015412 519030	PROF DEV	.00	902.00	850.00	345.00	3,130.00	3,580.00	14.4%
015412 522241	Printing	.00	492.25	55.00	.00	150.00	150.00	.0%
015412 524007	COPIERS	.00	1,950.08	3,321.22	1,516.92	3,936.00	2,500.00	-36.5%
015412 524010	Comp Netrk	.00	1,900.00	1,900.00	2,000.00	2,000.00	2,000.00	.0%
015412 524200	OFF EQU RE	3,795.09	735.00	177.28	.00	.00	.00	.0%
015412 530900	PROG/TECH	3,588.00	6,520.00	6,440.00	.00	5,400.00	5,400.00	.0%
015412 534100	ADV	663.65	918.95	.00	.00	1,300.00	1,300.00	.0%
015412 534200	DEL SERV	7,579.20	.00	.00	.00	.00	.00	.0%
015412 534300	POSTAGE	.00	2,691.85	1,930.15	1,649.77	3,120.00	5,520.00	76.9%
015412 534400	TELEPHONE	1,343.64	1,656.01	2,007.84	1,167.15	2,976.00	2,976.00	.0%
015412 538000	OTHPURCHSV	35,876.94	2,881.94	1,531.89	.00	1,600.00	2,000.00	25.0%
015412 542000	OFF SUPPLS	3,481.74	2,118.15	1,130.10	656.45	2,400.00	2,400.00	.0%
015412 542100	OFFC EQUIP	.00	326.84	322.51	.00	500.00	500.00	.0%

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>015412 548100</u>	BULK FUEL	3,555.81	4,241.49	3,524.18	911.84	4,515.00	4,515.00	.0%
<u>015412 549000</u>	FOOD SUPPL	.00	34,110.09	30,387.53	187.99	43,970.00	44,170.00	.5%
<u>015412 550040</u>	NUR OFFSPY	.00	151.71	.00	.00	500.00	500.00	.0%
<u>015412 558000</u>	UNCLSUPPLS	152.82	824.65	286.82	93.00	1,450.00	1,450.00	.0%
<u>015412 571000</u>	Travel	.00	301.50	153.70	.00	1,860.00	1,860.00	.0%
<u>015412 573000</u>	DUE, SB, TRV	2,163.02	84.68	.00	.00	.00	.00	.0%
<u>015412 573001</u>	Dues	.00	1,124.80	1,255.96	145.00	425.00	1,505.00	254.1%
<u>015412 578000</u>	UNCLASS	1,490.00	.00	.00	.00	.00	.00	.0%
TOTAL COUNCIL ON AGING EXPEN		63,689.91	63,931.99	55,274.18	8,673.12	79,232.00	82,326.00	3.9%
015421 YOUTH COUNSELOR S&W								
<u>015421 511900</u>	S&W	81,161.08	84,853.08	93,092.78	61,120.42	94,955.00	94,955.00	.0%
<u>015421 514000</u>	LONGBONUS	.00	.00	.00	.00	949.55	949.55	.0%
<u>015421 515007</u>	SCKLVBONUS	350.00	350.00	350.00	350.00	350.00	.00	-100.0%
TOTAL YOUTH COUNSELOR S&W		81,511.08	85,203.08	93,442.78	61,470.42	96,254.55	95,904.55	-.4%
015422 YOUTH COUNSELOR EXPENSE								
<u>015422 530900</u>	PROG/TECH	1,500.00	1,500.00	1,485.00	1,080.00	1,620.00	1,620.00	.0%
<u>015422 534900</u>	OTH COMUN	600.00	600.00	600.00	350.00	600.00	600.00	.0%
<u>015422 538000</u>	OTHPURCHSV	358.99	459.97	605.96	139.99	650.00	650.00	.0%
<u>015422 542000</u>	OFF SUPPLS	1,253.84	910.27	935.50	222.94	135.00	135.00	.0%
<u>015422 558000</u>	UNCLSUPPLS	.00	678.74	.00	116.97	.00	.00	.0%
<u>015422 573000</u>	DUE, SB, TRV	304.00	454.64	594.08	338.00	480.00	480.00	.0%
TOTAL YOUTH COUNSELOR EXPENS		4,016.83	4,603.62	4,220.54	2,247.90	3,485.00	3,485.00	.0%
015432 VETERANS EXPENSE/BENEFITS								
<u>015432 530900</u>	OTH PROFES	35,593.99	37,249.46	40,262.52	42,878.41	43,058.41	44,277.13	2.8%
<u>015432 577000</u>	VET BENEFIT	64,402.68	60,211.35	93,636.07	59,742.61	85,000.00	100,000.00	17.6%
TOTAL VETERANS EXPENSE/BENEF		99,996.67	97,460.81	133,898.59	102,621.02	128,058.41	144,277.13	12.7%
015502 DISABILTY RIGHTS EXPENSE								
<u>015502 542000</u>	OFF SUPPLS	.00	.00	.00	.00	200.00	200.00	.0%
<u>015502 573000</u>	DUE, SB, TRV	.00	299.79	.00	.00	300.00	300.00	.0%
TOTAL DISABILTY RIGHTS EXPEN		.00	299.79	.00	.00	500.00	500.00	.0%
015602 HUMAN SERVICES								
<u>015602 530700</u>	HUMAN SER	70,230.00	78,690.00	79,450.00	29,025.00	83,250.00	83,250.00	.0%
<u>015602 530708</u>	HECH	2,375.00	.00	.00	.00	.00	.00	.0%
TOTAL HUMAN SERVICES		72,605.00	78,690.00	79,450.00	29,025.00	83,250.00	83,250.00	.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
016101	LIBRARY SALARIES & WAGES							
<u>016101 511100</u>	S&WELECTED	.00	7,000.00	7,000.00	.00	7,000.00	7,000.00	.0%
<u>016101 511800</u>	PTS&WYRROU	249,591.04	256,962.32	211,007.95	125,081.64	225,375.16	230,929.58	2.5%
<u>016101 511900</u>	S&W	362,285.47	380,341.42	456,257.75	300,291.79	472,023.37	470,147.99	-.4%
<u>016101 513000</u>	OVERTIME	868.85	920.15	98.48	833.90	.00	.00	.0%
<u>016101 514000</u>	LONGEVITY	16,573.42	14,337.18	17,713.66	9,747.12	20,329.38	23,623.63	16.2%
<u>016101 515007</u>	SCKLVBONUS	1,400.00	1,050.00	700.00	1,400.00	2,800.00	2,800.00	.0%
<u>016101 519030</u>	PROF DEV	.00	.00	1,357.19	.00	3,356.80	3,475.80	3.5%
	TOTAL LIBRARY SALARIES & WAG	630,718.78	660,611.07	694,135.03	437,354.45	730,884.71	737,977.00	1.0%
016102	LIBRARY EXPENSE							
<u>016102 517900</u>	OTHER FRIN	.00	.00	.00	.00	300.00	300.00	.0%
<u>016102 521100</u>	ELECTRIC	32,074.40	26,131.89	21,500.32	13,183.73	25,741.00	25,741.00	.0%
<u>016102 521200</u>	GAS	13,148.76	10,702.61	7,697.27	3,741.06	10,601.00	10,601.00	.0%
<u>016102 523000</u>	WATER	1,001.07	1,033.93	1,206.28	752.53	1,315.00	1,391.00	5.8%
<u>016102 524300</u>	OTHER REPR	5,210.37	4,981.95	2,150.36	1,945.16	5,700.00	5,700.00	.0%
<u>016102 530900</u>	PROG/TECH	47,326.62	47,997.51	49,395.53	44,281.61	50,728.00	50,973.00	.5%
<u>016102 534100</u>	ADV	.00	149.40	.00	.00	180.00	180.00	.0%
<u>016102 542000</u>	OFF SUPPLS	5,677.85	5,541.38	3,581.97	2,839.30	5,750.00	5,750.00	.0%
<u>016102 551000</u>	ED SUPPLY	.00	.00	.00	.00	157,660.06	157,660.00	.0%
<u>016102 551070</u>	LIBR BKS	76,217.37	75,090.96	63,150.13	32,255.79	.00	.00	.0%
<u>016102 551071</u>	LIBR PER	11,657.81	11,979.20	10,499.94	2,756.04	.00	.00	.0%
<u>016102 551072</u>	LIBR AUD	12,427.63	14,641.84	14,622.07	5,210.39	.00	.00	.0%
<u>016102 551073</u>	LIBR VIDEO	15,228.30	14,526.74	11,296.50	2,967.23	.00	.00	.0%
<u>016102 551074</u>	LIBR EBKS	22,233.64	30,537.59	34,749.34	29,275.57	.00	.00	.0%
<u>016102 551075</u>	LIBR ELFOR	2,183.12	1,524.22	674.56	496.85	.00	.00	.0%
<u>016102 551076</u>	LIBR DATBS	8,289.00	6,849.71	9,697.52	3,900.00	.00	.00	.0%
<u>016102 551077</u>	LIBR OTHER	986.70	2,237.42	3,148.04	491.62	.00	.00	.0%
<u>016102 558000</u>	UNCLSUPPLS	12,574.22	10,653.47	10,990.37	11,217.77	13,000.00	13,000.00	.0%
<u>016102 573000</u>	DUE, SB, TRV	3,172.81	2,790.41	1,784.51	1,270.00	3,845.00	3,524.00	-8.3%
	TOTAL LIBRARY EXPENSE	269,409.67	267,370.23	246,144.71	156,584.65	274,820.06	274,820.00	.0%
016291	RECREATION SEASONAL S&W							
<u>016291 512000</u>	SEAS S & W	174,724.78	216,096.83	208,379.40	201,771.12	218,025.55	213,213.25	-2.2%
	TOTAL RECREATION SEASONAL S&	174,724.78	216,096.83	208,379.40	201,771.12	218,025.55	213,213.25	-2.2%
016301	RECREATION & YOUTH S&W							
<u>016301 511800</u>	PTS&WYRROU	11,719.81	11,730.49	12,708.77	4,806.21	30,789.23	31,405.85	2.0%
<u>016301 511900</u>	S&W	202,609.17	208,645.22	221,353.85	145,447.30	228,894.24	229,818.92	.4%
<u>016301 513000</u>	OVERTIME	6,814.46	11,107.12	7,143.83	2,374.88	4,474.08	4,474.08	.0%
<u>016301 514000</u>	LONGEVITY	6,424.83	5,760.34	6,583.82	2,727.30	7,410.83	8,026.92	8.3%
<u>016301 515007</u>	SCKLVBONUS	700.00	700.00	1,050.00	700.00	1,050.00	350.00	-66.7%
<u>016301 516000</u>	EOS	.00	5,556.81	3,805.64	.00	.00	.00	.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE	
TOTAL RECREATION & YOUTH S&W		228,268.27	243,499.98	252,645.91	156,055.69	272,618.38	274,075.77	.5%	
016302	RECREATION & YOUTH EXPENSE								
016302	517900	OTHER FRIN	581.47	500.00	500.00	500.00	500.00	.0%	
016302	521100	ELECTRIC	3,600.25	7,972.27	10,921.16	6,497.73	8,500.00	.0%	
016302	524200	OFF EQU RE	473.58	.00	83.12	.00	400.00	.0%	
016302	527000	RENT&LEASE	5,491.56	6,380.17	4,310.81	4,370.00	4,000.00	.0%	
016302	534100	ADV	.00	.00	.00	.00	100.00	.0%	
016302	534400	TELEPHONE	1,044.81	1,437.06	2,118.56	562.93	1,100.00	.0%	
016302	538000	OTHPURCHSV	1,320.00	1,198.00	700.00	700.00	1,250.00	.0%	
016302	542000	OFF SUPPLS	4,958.72	4,268.12	2,562.32	994.35	2,500.00	.0%	
016302	543000	MAINT EQUIP	1,780.00	650.00	.00	.00	800.00	.0%	
016302	548100	BULK FUEL	1,058.07	1,990.98	1,254.00	429.30	1,700.00	-11.8%	
016302	553000	P.W. SUPPL	4,210.96	4,910.95	4,600.24	1,985.60	4,550.00	20.3%	
016302	558000	OTH.SUP.NE	7,853.78	10,540.34	2,563.68	7,160.90	10,000.00	-7.3%	
016302	573000	DUE,SB,TRV	114.00	114.00	185.00	.00	175.00	.0%	
016302	578000	OTHER UNCL	9,248.21	6,318.76	7,871.81	2,500.00	10,000.00	.0%	
	TOTAL RECREATION & YOUTH EXP	41,735.41	46,280.65	37,670.70	25,700.81	45,575.00	45,575.00	.0%	
016308	RECREATION & YOUTH CAP OUTLAY								
016308	585000	CAP OUTLAY	.00	9,029.32	.00	.00	.00	.0%	
	TOTAL RECREATION & YOUTH CAP	.00	9,029.32	.00	.00	.00	.00	.0%	
016331	HARBORMASTER SALARIES & WAGES								
016331	511800	PTS&WYRROU	572.66	1,717.21	2,760.07	298.90	5,811.60	5,783.92	-.5%
016331	511900	S&W	255,696.30	267,304.31	284,327.51	171,349.67	289,836.12	287,980.41	-.6%
016331	512000	SEAS S & W	28,684.16	36,502.25	30,426.01	19,615.13	37,933.80	37,565.10	-1.0%
016331	513000	OVERTIME	959.74	468.69	.00	899.75	1,000.00	1,000.00	.0%
016331	514000	LONGEVITY	2,527.02	3,660.70	4,838.65	7,453.42	7,422.81	9,000.02	21.2%
016331	515007	SCKLVBONUS	1,050.00	1,050.00	1,400.00	700.00	1,400.00	1,400.00	.0%
	TOTAL HARBORMASTER SALARIES	289,489.88	310,703.16	323,752.24	200,316.87	343,404.33	342,729.45	-.2%	
016332	HARBORMASTER EXP								
016332	517900	OTHER FRIN	1,931.14	2,006.40	1,596.04	536.59	1,450.00	1,450.00	.0%
016332	521100	ELECTRIC	-3,234.57	8,391.17	11,020.33	-236.56	13,500.00	13,500.00	.0%
016332	521200	GAS	2,656.09	5,118.24	1,198.52	454.83	3,000.00	3,000.00	.0%
016332	523000	WATER	5,116.24	5,100.34	7,176.68	5,214.94	7,800.00	8,600.00	10.3%
016332	524300	OTHER REPR	7,439.39	8,580.82	4,704.67	4,023.13	6,000.00	6,000.00	.0%
016332	527000	RENT&LEASE	13,780.21	7,840.02	2,510.67	3,870.12	1,910.00	2,010.00	5.2%
016332	529000	O/PROP SER	14,399.50	19,062.23	17,165.50	11,492.50	19,250.00	19,250.00	.0%
016332	530300	DATA PROC.	130.00	120.00	120.00	70.00	120.00	120.00	.0%
016332	530600	MEDICAL SV	399.72	626.95	41.80	446.92	200.00	200.00	.0%
016332	530900	PROG/TECH	3,180.00	3,200.00	3,280.00	1,620.00	3,200.00	3,200.00	.0%
016332	534100	ADV	.00	183.52	.00	.00	200.00	200.00	.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>016332 534400</u>	TELEPHONE	.00	.00	3,231.72	2,168.60	3,300.00	3,300.00	.0%
<u>016332 542000</u>	OFF SUPPLS	5,361.53	1,525.85	1,260.18	803.32	1,300.00	1,300.00	.0%
<u>016332 543000</u>	MAINT EQUP	14,943.92	3,437.64	7,977.86	1,785.05	7,500.00	7,500.00	.0%
<u>016332 545000</u>	CUST SUP	1,072.77	2,392.89	1,840.53	802.67	2,000.00	2,000.00	.0%
<u>016332 546000</u>	GROUND SUP	381.90	5,006.78	1,664.68	298.71	2,200.00	2,200.00	.0%
<u>016332 548100</u>	BULK FUEL	4,491.41	5,901.83	4,560.39	1,770.71	7,000.00	7,000.00	.0%
<u>016332 548900</u>	VEHIC PART	12,207.74	3,145.86	11,558.15	4,347.75	6,000.00	6,000.00	.0%
<u>016332 553000</u>	P.W. SUPPL	13,673.73	3,429.79	6,282.02	661.84	5,800.00	5,800.00	.0%
<u>016332 558000</u>	OTH.SUP.NE	-770.25	445.70	738.45	-668.43	600.00	600.00	.0%
<u>016332 573000</u>	DUE, SB, TRV	2,337.28	262.72	419.00	.00	250.00	250.00	.0%
<u>016332 585000</u>	CAP OUTLAY	7,098.43	11,462.56	1,757.57	9,922.00	10,000.00	9,750.00	-2.5%
<u>016332 586000</u>	DREDG	65,000.00	106,225.00	16,869.00	4,450.00	150,000.00	150,000.00	.0%
TOTAL HARBORMASTER EXP		171,596.18	203,466.31	106,973.76	53,834.69	252,580.00	253,230.00	.3%
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016702	BROOKS MUSEUM COMMISSION EXP							
<u>016702 521100</u>	ELECTRIC	4,860.32	3,663.52	2,180.48	2,237.35	5,775.00	5,775.00	.0%
<u>016702 521200</u>	GAS	4,909.90	5,150.37	4,909.17	2,889.75	6,344.00	6,344.00	.0%
<u>016702 523000</u>	WATER	983.55	626.31	752.25	2,024.67	725.00	725.00	.0%
<u>016702 542000</u>	OFF SUPPLS	.00	.00	.00	.00	50.00	50.00	.0%
TOTAL BROOKS MUSEUM COMMISSI		10,753.77	9,440.20	7,841.90	7,151.77	12,894.00	12,894.00	.0%
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016911	HISTORICAL COMMISSION S&W							
<u>016911 511800</u>	PTS&WYRROU	540.00	.00	.00	.00	.00	.00	.0%
TOTAL HISTORICAL COMMISSION		540.00	.00	.00	.00	.00	.00	.0%
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016912	HISTORICAL COMMISSION EXPENSE							
<u>016912 530900</u>	OTH PROFES	.00	.00	.00	.00	150.00	150.00	.0%
<u>016912 534100</u>	ADV	.00	197.96	.00	.00	100.00	100.00	.0%
<u>016912 573000</u>	DUE, SB, TRV	.00	.00	.00	.00	100.00	100.00	.0%
TOTAL HISTORICAL COMMISSION		.00	197.96	.00	.00	350.00	350.00	.0%
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016922	CELEBRATIONS							
<u>016922 558000</u>	OTH.SUP.NE	1,298.66	991.92	.00	.00	1,600.00	1,600.00	.0%
TOTAL CELEBRATIONS		1,298.66	991.92	.00	.00	1,600.00	1,600.00	.0%
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016951	GOLF S&W							
<u>016951 511800</u>	PTS&WYRROU	85,561.22	2,271.84	2,127.56	1,755.22	2,752.51	2,847.28	3.4%
<u>016951 511900</u>	S&W	412,391.61	530,264.96	533,182.49	370,308.31	580,358.61	585,625.56	.9%
<u>016951 512000</u>	SEAS S & W	260,922.57	285,997.99	242,569.08	188,168.36	300,650.10	305,288.30	1.5%
<u>016951 513000</u>	OVERTIME	27,582.04	30,730.93	950.73	15,051.97	22,880.00	22,880.00	.0%
<u>016951 514000</u>	LONGEVITY	10,683.00	13,298.03	14,574.28	5,497.85	9,388.84	17,748.58	89.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>016951 515007</u>	SCKLVBONUS	1,487.49	1,983.33	1,750.00	1,750.00	3,150.00	3,150.00	.0%
TOTAL GOLF S&W		798,627.93	864,547.08	795,154.14	582,531.71	919,180.06	937,539.72	2.0%
016952 GOLF EXPENSE								
<u>016952 517200</u>	UNEMPLOYPA	24,756.18	26,245.00	21,682.94	-1,032.16	23,500.00	23,500.00	.0%
<u>016952 517900</u>	OTHER FRIN	5,146.29	6,541.01	4,675.29	2,813.18	6,450.00	6,450.00	.0%
<u>016952 521000</u>	OIL HEAT	9,598.99	14,758.23	9,946.96	3,901.56	12,240.00	12,240.00	.0%
<u>016952 521100</u>	ELECTRIC	40,339.10	41,763.47	43,398.45	39,226.93	49,640.85	49,640.85	.0%
<u>016952 523000</u>	WATER	2,128.17	1,811.75	1,008.59	879.12	2,315.00	1,815.00	-21.6%
<u>016952 524100</u>	VEH REPR	955.54	377.55	2,863.54	157.08	3,000.00	3,000.00	.0%
<u>016952 524200</u>	OFF EQU RE	2,641.75	709.77	594.00	229.89	3,400.00	2,400.00	-29.4%
<u>016952 524300</u>	OTHER REPR	39,085.88	52,309.36	30,865.64	39,448.05	42,500.00	42,500.00	.0%
<u>016952 527000</u>	RENT&LEASE	90,721.72	92,742.50	104,958.96	146,746.65	101,250.00	103,251.00	2.0%
<u>016952 529000</u>	O/PROP SER	10,562.12	8,563.91	8,821.60	12,587.14	21,480.00	17,480.00	-18.6%
<u>016952 530300</u>	DATA PROC.	33,828.63	33,041.03	32,476.84	26,458.71	33,828.00	33,828.00	.0%
<u>016952 530900</u>	PROG/TECH	8,725.00	10,138.00	5,735.00	7,249.00	14,500.00	11,500.00	-20.7%
<u>016952 534100</u>	ADV	57,572.77	44,076.38	35,158.02	5,808.34	48,000.00	45,500.00	-5.2%
<u>016952 534400</u>	TELEPHONE	3,317.96	3,919.96	3,850.91	3,668.71	3,900.00	3,900.00	.0%
<u>016952 541000</u>	ENGRY SUPL	16,986.57	18,313.20	12,732.23	4,335.55	33,432.00	23,432.00	-29.9%
<u>016952 542000</u>	OFF SUPPLS	2,055.79	2,313.17	835.50	1,532.37	4,700.00	2,700.00	-42.6%
<u>016952 543000</u>	MAINT EQUIP	7,595.25	3,220.64	1,963.88	507.97	14,000.00	8,950.00	-36.1%
<u>016952 545000</u>	CUST SUP	3,642.25	3,676.51	2,671.78	1,057.61	4,200.00	4,200.00	.0%
<u>016952 546000</u>	GROUND SUP	189,560.20	186,732.61	124,322.50	136,340.14	187,000.00	187,000.00	.0%
<u>016952 548100</u>	BULK FUEL	.00	.00	102.03	.00	.00	.00	.0%
<u>016952 548900</u>	VEHIC PART	27,686.72	31,193.30	41,281.22	22,442.83	27,686.00	27,686.00	.0%
<u>016952 550000</u>	MED SUPPLY	1,266.78	637.94	526.75	432.35	2,200.00	2,200.00	.0%
<u>016952 553000</u>	P.W. SUPPL	19,215.77	12,064.95	6,575.97	530.97	1,000.00	1,000.00	.0%
<u>016952 558000</u>	OTH.SUP.NE	18,290.56	14,176.80	20,302.85	15,872.43	19,200.00	19,200.00	.0%
<u>016952 573000</u>	DUE, SB, TRV	5,701.00	4,817.00	4,312.00	1,605.00	5,850.00	5,850.00	.0%
TOTAL GOLF EXPENSE		621,380.99	614,144.04	521,663.45	472,799.42	665,271.85	639,222.85	-3.9%
016958 GOLF CAPITAL OUTLAY								
<u>016958 585000</u>	CAP OUTLAY	66,276.73	66,199.13	13,829.00	18,801.07	68,000.00	68,000.00	.0%
TOTAL GOLF CAPITAL OUTLAY		66,276.73	66,199.13	13,829.00	18,801.07	68,000.00	68,000.00	.0%
017347 LANDFILL CAPPING (1999)								
<u>017347 591000</u>	MAT.LT.DBT	65,000.00	65,000.00	65,000.00	65,000.00	65,000.00	.00	-100.0%
<u>017347 591500</u>	INT LT DBT	11,375.00	8,125.00	4,875.00	1,625.00	1,625.00	.00	-100.0%
TOTAL LANDFILL CAPPING (1999)		76,375.00	73,125.00	69,875.00	66,625.00	66,625.00	.00	-100.0%
017357 LAND ACQUISITION (1997)								
<u>017357 591000</u>	MAT.LT.DBT	50,000.00	50,000.00	50,000.00	45,000.00	45,000.00	.00	-100.0%
<u>017357 591500</u>	INT LT DBT	8,500.00	6,000.00	3,500.00	1,125.00	1,125.00	.00	-100.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
TOTAL LAND ACQUISITION (1997		58,500.00	56,000.00	53,500.00	46,125.00	46,125.00	.00	-100.0%
017377 LAND ACQUISITION(2000)LND BANK								
<u>017377 591000</u>	MAT.LT.DBT	145,000.00	145,000.00	145,000.00	40,000.00	40,000.00	.00	-100.0%
<u>017377 591500</u>	INT LT DBT	20,125.00	12,875.00	5,625.00	1,000.00	1,000.00	.00	-100.0%
TOTAL LAND ACQUISITION(2000)		165,125.00	157,875.00	150,625.00	41,000.00	41,000.00	.00	-100.0%
017427 GOLF CLUBHOUSE (2000)								
<u>017427 591000</u>	MAT.LT.DBT	60,000.00	55,000.00	55,000.00	55,000.00	55,000.00	.00	-100.0%
<u>017427 591500</u>	INT LT DBT	5,850.00	4,125.00	2,475.00	825.00	825.00	.00	-100.0%
TOTAL GOLF CLUBHOUSE (2000)		65,850.00	59,125.00	57,475.00	55,825.00	55,825.00	.00	-100.0%
017437 LAND BK ACQ SLOWATYCKI (2001)								
<u>017437 591000</u>	MAT.LT.DBT	25,000.00	25,000.00	25,000.00	20,000.00	20,000.00	.00	-100.0%
<u>017437 591500</u>	INT LT DBT	4,125.00	2,875.00	1,625.00	500.00	500.00	.00	-100.0%
TOTAL LAND BK ACQ SLOWATYCKI		29,125.00	27,875.00	26,625.00	20,500.00	20,500.00	.00	-100.0%
017447 LAND BANK ACQ KRUMIN (2002)								
<u>017447 591000</u>	MAT.LT.DBT	40,000.00	40,000.00	35,000.00	35,000.00	35,000.00	.00	-100.0%
<u>017447 591500</u>	INT LT DBT	3,900.00	2,700.00	1,575.00	525.00	525.00	.00	-100.0%
TOTAL LAND BANK ACQ KRUMIN (43,900.00	42,700.00	36,575.00	35,525.00	35,525.00	.00	-100.0%
017457 WATER ABATE SEPTIC LOAN (MASS)								
<u>017457 591000</u>	MAT.LT.DBT	17,357.73	17,357.72	16,949.73	11,049.72	17,171.00	6,121.00	-64.4%
TOTAL WATER ABATE SEPTIC LOA		17,357.73	17,357.72	16,949.73	11,049.72	17,171.00	6,121.00	-64.4%
017477 POLICE STA REPAIRS/PLANS 2003								
<u>017477 591000</u>	MAT.LT.DBT	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	.0%
<u>017477 591500</u>	INT LT DBT	825.00	675.00	525.00	225.00	375.00	225.00	-40.0%
TOTAL POLICE STA REPAIRS/PLA		5,825.00	5,675.00	5,525.00	5,225.00	5,375.00	5,225.00	-2.8%
017487 COPELAS LAND (2002) LB								
<u>017487 591000</u>	MAT.LT.DBT	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	50,000.00	-9.1%
<u>017487 591500</u>	INT LT DBT	8,775.00	7,125.00	5,475.00	2,325.00	3,825.00	2,250.00	-41.2%
TOTAL COPELAS LAND (2002)		63,775.00	62,125.00	60,475.00	57,325.00	58,825.00	52,250.00	-11.2%

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TOWN OF HARWICH - LIVE DATA
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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
017497	SHEA LAND (2002)	LB						
<u>017497 591000</u>	MAT.LT.DBT	175,000.00	175,000.00	170,000.00	170,000.00	170,000.00	170,000.00	.0%
<u>017497 591500</u>	INT LT DBT	31,425.00	26,175.00	21,000.00	9,225.00	15,900.00	10,800.00	-32.1%
	TOTAL SHEA LAND (2002)	206,425.00	201,175.00	191,000.00	179,225.00	185,900.00	180,800.00	-2.7%
017527	GOLF COURSE IRRIGATION 2004							
<u>017527 591000</u>	MAT.LT.DBT	115,000.00	110,000.00	35,000.00	.00	.00	.00	.0%
<u>017527 591500</u>	GLF IRR 04	6,075.00	2,700.00	525.00	.00	.00	.00	.0%
	TOTAL GOLF COURSE IRRIGATION	121,075.00	112,700.00	35,525.00	.00	.00	.00	.0%
017537	LD AQUI ROSE/KEELER 2004							
<u>017537 591000</u>	MAT.LT.DBT	90,000.00	90,000.00	85,000.00	.00	.00	.00	.0%
<u>017537 591500</u>	INT LT DBT	10,600.00	7,000.00	3,400.00	.00	.00	.00	.0%
	TOTAL LD AQUI ROSE/KEELER 20	100,600.00	97,000.00	88,400.00	.00	.00	.00	.0%
017557	BROOKS ACAD RENOVATION							
<u>017557 591000</u>	MAT.LT.DBT	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	.0%
<u>017557 591500</u>	INT LT DBT	1,800.00	1,400.00	1,000.00	400.00	600.00	200.00	-66.7%
	TOTAL BROOKS ACAD RENOVATION	11,800.00	11,400.00	11,000.00	10,400.00	10,600.00	10,200.00	-3.8%
017567	MIDDLE SCHOOL ROOF							
<u>017567 591000</u>	MAT.LT.DBT	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	.0%
<u>017567 591500</u>	INT LT DBT	3,600.00	2,800.00	2,000.00	800.00	1,200.00	400.00	-66.7%
	TOTAL MIDDLE SCHOOL ROOF	23,600.00	22,800.00	22,000.00	20,800.00	21,200.00	20,400.00	-3.8%
017577	HIGH SCHOOL ROOF							
<u>017577 591000</u>	MAT.LT.DBT	30,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	.0%
<u>017577 591500</u>	INT LT DBT	4,600.00	3,500.00	2,500.00	1,000.00	1,500.00	500.00	-66.7%
	TOTAL HIGH SCHOOL ROOF	34,600.00	28,500.00	27,500.00	26,000.00	26,500.00	25,500.00	-3.8%
017587	ROADS MAINT							
<u>017587 591000</u>	MAT.LT.DBT	50,000.00	187,500.00	.00	.00	.00	.00	.0%
<u>017587 591500</u>	INT LT DBT	2,859.00	10,000.00	.00	.00	.00	.00	.0%
	TOTAL ROADS MAINT	52,859.00	197,500.00	.00	.00	.00	.00	.0%
017597	GOLF COURSE BUNKERS							

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TOWN OF HARWICH - LIVE DATA
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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>017597 591000</u>	MAT.LT.DBT	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	.0%
<u>017597 591500</u>	INT LT DBT	13,500.00	10,500.00	7,500.00	3,000.00	4,500.00	1,500.00	-66.7%
TOTAL GOLF COURSE BUNKERS		88,500.00	85,500.00	82,500.00	78,000.00	79,500.00	76,500.00	-3.8%
017637 POLICE STATION								
<u>017637 591000</u>	MAT.LT.DBT	450,000.00	450,000.00	405,000.00	400,000.00	400,000.00	400,000.00	.0%
<u>017637 591500</u>	INT LT DBT	194,462.50	180,962.50	155,661.82	136,400.00	136,400.00	120,400.00	-11.7%
TOTAL POLICE STATION		644,462.50	630,962.50	560,661.82	536,400.00	536,400.00	520,400.00	-3.0%
017657 RD BETT- OLD POST RD								
<u>017657 591000</u>	MAT.LT.DBT	10,000.00	5,000.00	5,000.00	.00	.00	.00	.0%
<u>017657 591500</u>	INT LT DBT	950.00	450.00	200.00	.00	.00	.00	.0%
TOTAL RD BETT- OLD POST RD		10,950.00	5,450.00	5,200.00	.00	.00	.00	.0%
017697 RD BETT - MCGUERTY RD								
<u>017697 591000</u>	MAT.LT.DBT	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	.0%
<u>017697 591500</u>	INT LT DBT	2,100.00	1,650.00	1,350.00	600.00	900.00	300.00	-66.7%
TOTAL RD BETT - MCGUERTY RD		17,100.00	16,650.00	16,350.00	15,600.00	15,900.00	15,300.00	-3.8%
017707 ALLEN HARBOR DREDG DEBT SVC								
<u>017707 591000</u>	MAT.LT.DBT	330,000.00	330,000.00	320,000.00	315,000.00	315,000.00	315,000.00	.0%
<u>017707 591500</u>	INT LT DBT	41,100.00	34,500.00	27,600.00	20,062.50	20,062.50	12,187.50	-39.3%
TOTAL ALLEN HARBOR DREDG DEB		371,100.00	364,500.00	347,600.00	335,062.50	335,062.50	327,187.50	-2.4%
017717 ROAD MAINTENANCE PROG-FY 2014								
<u>017717 591000</u>	MAT.LT.DBT	47,977.37	130,000.00	.00	.00	.00	.00	.0%
<u>017717 591500</u>	INT LT DBT	4,574.00	6,750.00	.00	.00	.00	.00	.0%
TOTAL ROAD MAINTENANCE PROG-		52,551.37	136,750.00	.00	.00	.00	.00	.0%
017727 ROAD BETTMT - SKINEQUIT								
<u>017727 591000</u>	MAT.LT.DBT	20,000.00	17,500.00	15,000.00	.00	15,000.00	15,000.00	.0%
<u>017727 591500</u>	INT LT DBT	1,144.00	5,236.25	4,800.00	2,100.00	4,200.00	3,450.00	-17.9%
TOTAL ROAD BETTMT - SKINEQUI		21,144.00	22,736.25	19,800.00	2,100.00	19,200.00	18,450.00	-3.9%
017737 ROAD MAINT PROG-ATM14 #21								
<u>017737 591000</u>	MAT.LT.DBT	47,977.37	230,000.00	.00	.00	.00	.00	.0%
<u>017737 591500</u>	INT LT DBT	3,431.00	10,350.00	.00	.00	.00	.00	.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
TOTAL ROAD MAINT PROG-ATM14		51,408.37	240,350.00	.00	.00	.00	.00	.0%
017747	DOWNEY PROP ACQUIS-ATM14 #60							
<u>017747 591000</u>	MAT.LT.DBT	45,000.00	37,000.00	35,000.00	.00	35,000.00	35,000.00	.0%
<u>017747 591500</u>	INT LT DBT	9,435.00	28,477.33	27,850.00	13,225.00	26,450.00	24,700.00	-6.6%
TOTAL DOWNEY PROP ACQUIS-ATM		54,435.00	65,477.33	62,850.00	13,225.00	61,450.00	59,700.00	-2.8%
017757	WYCHMERE PIER RECON-ATM14 #32							
<u>017757 591000</u>	MAT.LT.DBT	106,150.00	56,079.00	18,609.86	.00	.00	.00	.0%
<u>017757 591500</u>	INT LT DBT	4,781.00	5,633.82	1,713.53	.00	.00	.00	.0%
TOTAL WYCHMERE PIER RECON-AT		110,931.00	61,712.82	20,323.39	.00	.00	.00	.0%
017758	SAQ HARBOR DESIGN SELF SUPP							
<u>017758 591000</u>	MAT.LT.DBT	.00	34,500.00	30,000.00	.00	30,000.00	30,000.00	.0%
<u>017758 591500</u>	INT LT DBT	.00	6,622.75	5,700.00	2,250.00	4,500.00	3,000.00	-33.3%
TOTAL SAQ HARBOR DESIGN SELF		.00	41,122.75	35,700.00	2,250.00	34,500.00	33,000.00	-4.3%
017759	ROAD MAINTENANCE FY 16							
<u>017759 591000</u>	MAT.LT.DBT	.00	99,954.00	100,000.00	.00	100,000.00	70,000.00	-30.0%
<u>017759 591500</u>	INT LT DBT	.00	4,497.93	12,705.73	.00	12,375.00	10,200.00	-17.6%
TOTAL ROAD MAINTENANCE FY 16		.00	104,451.93	112,705.73	.00	112,375.00	80,200.00	-28.6%
017760	MUDDY CREEK BRIDGE & CULVERT							
<u>017760 591000</u>	MAT.LT.DBT	.00	20,500.00	20,000.00	.00	20,000.00	20,000.00	.0%
<u>017760 591500</u>	INT LT DBT	.00	14,936.83	14,575.00	6,887.50	13,775.00	12,775.00	-7.3%
TOTAL MUDDY CREEK BRIDGE & C		.00	35,436.83	34,575.00	6,887.50	33,775.00	32,775.00	-3.0%
017762	FIRE STATION #2 PLANNING							
<u>017762 591000</u>	MAT.LT.DBT	.00	80,000.00	76,700.00	.00	57,500.00	40,000.00	-30.4%
<u>017762 591500</u>	INT LT DBT	.00	8,525.00	5,702.08	.00	6,037.50	3,300.00	-45.3%
TOTAL FIRE STATION #2 PLANNI		.00	88,525.00	82,402.08	.00	63,537.50	43,300.00	-31.9%
017763	WASTEWATER PHASE 2A							
<u>017763 591000</u>	MAT.LT.DBT	.00	215,500.00	210,000.00	.00	210,000.00	210,000.00	.0%
<u>017763 591500</u>	INT LT DBT	.00	128,167.67	123,875.00	57,737.50	115,475.00	104,975.00	-9.1%
TOTAL WASTEWATER PHASE 2A		.00	343,667.67	333,875.00	57,737.50	325,475.00	314,975.00	-3.2%

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
017764	WASTEWATER PHASE 2B							
<u>017764 591000</u>	MAT.LT.DBT	.00	7,500.00	.00	.00	.00	705,948.00	.0%
<u>017764 591500</u>	INT LT DBT	.00	1,401.25	.00	.00	135,287.16	151,521.62	12.0%
	TOTAL WASTEWATER PHASE 2B	.00	8,901.25	.00	.00	135,287.16	857,469.62	533.8%
017765	ROAD MAINTENANCE FY 18							
<u>017765 591000</u>	MAT.LT.DBT	.00	50,000.00	100,000.00	.00	100,000.00	80,000.00	-20.0%
<u>017765 591500</u>	INT LT DBT	.00	5,000.00	16,114.58	.00	19,250.00	14,100.00	-26.8%
	TOTAL ROAD MAINTENANCE FY 18	.00	55,000.00	116,114.58	.00	119,250.00	94,100.00	-21.1%
017766	SAQ WATERSIDE TAX SUPPORTED							
<u>017766 591000</u>	MAT.LT.DBT	.00	249,000.00	245,000.00	.00	245,000.00	245,000.00	.0%
<u>017766 591500</u>	INT LT DBT	.00	159,958.83	155,200.00	72,700.00	145,400.00	133,150.00	-8.4%
	TOTAL SAQ WATERSIDE TAX SUPP	.00	408,958.83	400,200.00	72,700.00	390,400.00	378,150.00	-3.1%
017767	SAQ WATERSIDE SELF SUPPORTED							
<u>017767 591000</u>	MAT.LT.DBT	.00	130,000.00	143,150.00	.00	125,000.00	120,000.00	-4.0%
<u>017767 591500</u>	INT LT DBT	.00	79,920.42	87,588.65	40,912.50	72,375.00	66,125.00	-8.6%
	TOTAL SAQ WATERSIDE SELF SUP	.00	209,920.42	230,738.65	40,912.50	197,375.00	186,125.00	-5.7%
017768	CVGC INFRASTRUCTURE IMPR							
<u>017768 591000</u>	MAT.LT.DBT	.00	.00	72,650.00	.00	65,000.00	65,000.00	.0%
<u>017768 591500</u>	INT LT DBT	.00	.00	46,182.05	21,600.00	43,200.00	39,950.00	-7.5%
	TOTAL CVGC INFRASTRUCTURE IM	.00	.00	118,832.05	21,600.00	108,200.00	104,950.00	-3.0%
017770	SAQ LANDSIDE							
<u>017770 591000</u>	MAT.LT.DBT	.00	131,500.00	120,000.00	.00	120,000.00	120,000.00	.0%
<u>017770 591500</u>	INT LT DBT	.00	99,213.44	96,950.00	46,075.00	92,150.00	86,150.00	-6.5%
	TOTAL SAQ LANDSIDE	.00	230,713.44	216,950.00	46,075.00	212,150.00	206,150.00	-2.8%
017771	SAQ HARBOR DOCK DESIGN TAX SUP							
<u>017771 591000</u>	MAT.LT.DBT	.00	68,500.00	65,000.00	.00	60,000.00	60,000.00	.0%
<u>017771 591500</u>	INT LT DBT	.00	13,427.42	11,600.00	4,500.00	9,000.00	6,000.00	-33.3%
	TOTAL SAQ HARBOR DOCK DESIGN	.00	81,927.42	76,600.00	4,500.00	69,000.00	66,000.00	-4.3%
017772	GINGER PLUMB PRIVATE WAY							

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>017772 591000</u>	MAT.LT.DBT	.00	13,500.00	10,000.00	.00	10,000.00	10,000.00	.0%
<u>017772 591500</u>	INT LT DBT	.00	6,691.58	6,400.00	3,000.00	6,000.00	5,500.00	-8.3%
TOTAL GINGER PLUMB PRIVATE W		.00	20,191.58	16,400.00	3,000.00	16,000.00	15,500.00	-3.1%
017774 FIRE STATION #2 CONSTRUCTION								
<u>017774 591000</u>	MAT.LT.DBT	.00	.00	307,000.00	.00	300,000.00	300,000.00	.0%
<u>017774 591500</u>	INT LT DBT	.00	.00	247,563.20	117,850.00	235,700.00	220,700.00	-6.4%
TOTAL FIRE STATION #2 CONSTR		.00	.00	554,563.20	117,850.00	535,700.00	520,700.00	-2.8%
017775 ROAD MAINT FY 19								
<u>017775 591000</u>	MAT.LT.DBT	.00	.00	100,000.00	.00	100,000.00	85,000.00	-15.0%
<u>017775 591500</u>	INT LT DBT	.00	.00	17,354.17	.00	18,000.00	15,300.00	-15.0%
TOTAL ROAD MAINT FY 19		.00	.00	117,354.17	.00	118,000.00	100,300.00	-15.0%
017777 WASTEWATER PH 2A - IMA DESIGN								
<u>017777 591000</u>	MAT.LT.DBT	.00	.00	404,750.00	.00	400,000.00	390,000.00	-2.5%
<u>017777 591500</u>	INT LT DBT	.00	.00	90,387.49	35,250.00	70,500.00	50,500.00	-28.4%
TOTAL WASTEWATER PH 2A - IMA		.00	.00	495,137.49	35,250.00	470,500.00	440,500.00	-6.4%
017778 WW - COLD BROOK DESIGN								
<u>017778 591000</u>	MAT.LT.DBT	.00	.00	2,450.00	.00	5,000.00	32,600.00	552.0%
<u>017778 591500</u>	INT LT DBT	.00	.00	1,536.25	875.00	1,750.00	14,178.00	710.2%
TOTAL WW - COLD BROOK DESIGN		.00	.00	3,986.25	875.00	6,750.00	46,778.00	593.0%
017779 WASTEWATER PH 2C COLD BRK DES								
<u>017779 591000</u>	MAT.LT.DBT	.00	.00	5,000.00	.00	5,000.00	5,000.00	.0%
<u>017779 591500</u>	INT LT DBT	.00	.00	600.00	500.00	1,000.00	750.00	-25.0%
TOTAL WASTEWATER PH 2C COLD		.00	.00	5,600.00	500.00	6,000.00	5,750.00	-4.2%
017780 SAQ WATERSIDE TAX FUNDED								
<u>017780 591000</u>	MAT.LT.DBT	.00	.00	.00	.00	15,000.00	15,000.00	.0%
<u>017780 591500</u>	INT LT DBT	.00	.00	.00	.00	9,450.00	8,700.00	-7.9%
TOTAL SAQ WATERSIDE TAX FUND		.00	.00	.00	.00	24,450.00	23,700.00	-3.1%
017781 CHATHAM PUMP STATION								
<u>017781 591000</u>	MAT.LT.DBT	.00	.00	.00	.00	.00	130,533.00	.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>017781 591500</u>	INT LT DBT	.00	.00	.00	.00	.00	76,816.00	.0%
TOTAL CHATHAM PUMP STATION		.00	.00	.00	.00	.00	207,349.00	.0%
017782	CHATHAM IMA 1ST FLOW							
<u>017782 591000</u>	MAT.LT.DBT	.00	.00	.00	.00	.00	65,000.00	.0%
<u>017782 591500</u>	INT LT DBT	.00	.00	.00	.00	.00	37,500.00	.0%
TOTAL CHATHAM IMA 1ST FLOW		.00	.00	.00	.00	.00	102,500.00	.0%
017997	ANTICIPATION LOAN PRIN & INT							
<u>017997 592500</u>	INT NOTES	99,045.26	278,207.10	.00	.00	.00	.00	.0%
TOTAL ANTICIPATION LOAN PRIN		99,045.26	278,207.10	.00	.00	.00	.00	.0%
018212	STATE ASSESSMENTS							
<u>018212 563400</u>	MV EX ASSE	10,540.00	10,540.00	10,540.00	5,958.00	10,180.00	10,435.00	2.5%
<u>018212 563900</u>	MOS CONT A	143,048.00	149,129.00	161,763.00	101,011.00	175,108.00	179,452.00	2.5%
<u>018212 564000</u>	AIR POL	7,263.00	7,430.00	7,482.00	4,438.00	7,627.00	7,818.00	2.5%
<u>018212 566300</u>	REG TRANSI	100,284.00	102,784.00	105,353.00	62,775.00	107,986.00	110,685.00	2.5%
TOTAL STATE ASSESSMENTS		261,135.00	269,883.00	285,138.00	174,182.00	300,901.00	308,390.00	2.5%
018312	BARNS CTY RETIR & TAX ASSESS							
<u>018312 562100</u>	BARNS CTY	203,280.00	208,362.00	218,307.00	111,882.00	223,101.00	228,679.00	2.5%
<u>018312 562500</u>	BRNS RET	2,681,194.00	2,763,836.00	3,024,763.00	3,144,894.00	3,144,894.00	3,242,673.00	3.1%
TOTAL BARNS CTY RETIR & TAX		2,884,474.00	2,972,198.00	3,243,070.00	3,256,776.00	3,367,995.00	3,471,352.00	3.1%
018352	CAPE COD COMMISSION ASSESSMNTS							
<u>018352 562600</u>	CC COMM AS	217,944.00	223,393.00	234,056.00	119,953.00	240,570.00	246,584.00	2.5%
TOTAL CAPE COD COMMISSION AS		217,944.00	223,393.00	234,056.00	119,953.00	240,570.00	246,584.00	2.5%
019132	UNEMPLOYMENT COMPENSATION							
<u>019132 517200</u>	UNEMPLOYPA	5,086.60	32,401.00	16,281.36	-2,265.37	20,000.00	20,000.00	.0%
TOTAL UNEMPLOYMENT COMPENSAT		5,086.60	32,401.00	16,281.36	-2,265.37	20,000.00	20,000.00	.0%
019142	GROUP HEALTH INS							
<u>019142 575000</u>	GRP HEALTH	2,385,454.34	2,666,780.96	2,635,237.50	1,707,784.25	2,611,589.00	2,678,489.00	2.6%
<u>019142 575010</u>	TOWN RET	1,065,932.75	1,014,445.10	1,071,277.88	720,473.40	1,291,032.80	1,309,975.00	1.5%
<u>019142 575030</u>	LIFE INS	9,671.98	9,654.61	9,399.36	5,690.22	10,000.00	10,000.00	.0%
<u>019142 575040</u>	SCHL RET	551,000.03	521,333.60	553,322.92	389,897.74	626,529.00	617,426.80	-1.5%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

GENERAL FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>019142 575050</u>	WATER ACT	220,851.00	234,081.00	221,990.25	135,327.00	234,081.00	219,588.88	-6.2%
<u>019142 575055</u>	GRP HEALTH	.00	.00	.00	.00	.00	13,200.35	.0%
<u>019142 575060</u>	WAT RETIR	56,847.00	59,052.00	50,466.75	35,500.00	50,263.00	79,335.06	57.8%
<u>019142 575070</u>	OPEB	100,000.00	125,000.00	150,000.00	.00	.00	250,000.00	.0%
<u>019142 575075</u>	MED B PEN	6,513.00	9,384.00	9,504.00	5,028.00	10,056.00	10,056.00	.0%
TOTAL GROUP HEALTH INS		4,396,270.10	4,639,731.27	4,701,198.66	2,999,700.61	4,833,550.80	5,188,071.09	7.3%
019452 GENERAL INSURANCE								
<u>019452 574000</u>	GEN INS PR	2,600.00	.00	.00	.00	.00	.00	.0%
<u>019452 574010</u>	PROP/CAS T	233,329.00	193,293.00	242,649.00	214,682.00	256,884.00	254,933.00	-.8%
<u>019452 574011</u>	MIIA PROFE	23,014.00	43,907.98	36,970.76	42,985.96	35,521.99	40,863.00	15.0%
<u>019452 574012</u>	W COM TWN	132,819.00	196,227.98	228,781.00	225,328.00	244,329.43	230,961.00	-5.5%
<u>019452 574014</u>	PR/CAS SCH	20,874.00	20,777.00	37,829.00	40,680.00	39,153.02	41,697.00	6.5%
<u>019452 574015</u>	PR/CAS WAT	63,961.00	57,107.78	57,564.00	56,971.00	59,578.74	58,395.00	-2.0%
<u>019452 574017</u>	W COM WAT	32,084.00	44,940.10	42,165.00	43,729.00	43,429.95	44,822.00	3.2%
<u>019452 574030</u>	BYD POL FI	71,935.14	71,267.00	62,442.81	33,332.99	75,000.00	100,000.00	33.3%
<u>019452 574031</u>	BYD MANAGE	6,500.00	6,500.00	6,500.00	6,500.00	6,500.00	6,500.00	.0%
<u>019452 574050</u>	MARINA COV	68,902.84	91,926.00	90,891.44	94,814.44	94,072.64	99,555.17	5.8%
<u>019452 57441B</u>	41-100B	346.65	195.00	.00	.00	.00	.00	.0%
TOTAL GENERAL INSURANCE		656,365.63	726,141.84	805,793.01	759,023.39	854,469.77	877,726.17	2.7%
019462 GENERAL INSURANCE DEDUCTIBLES								
<u>019462 574001</u>	INS DEDUCT	4,603.30	7,018.28	3,696.00	1,000.00	20,000.00	20,000.00	.0%
TOTAL GENERAL INSURANCE DEDU		4,603.30	7,018.28	3,696.00	1,000.00	20,000.00	20,000.00	.0%
TOTAL GENERAL FUND		59,451,406.75	63,747,718.29	66,515,211.40	44,831,846.99	68,568,837.93	70,409,771.55	2.7%
GRAND TOTAL		59,451,406.75	63,747,718.29	66,515,211.40	44,831,846.99	68,568,837.93	70,409,771.55	2.7%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

WATER ENTERPRISE FUND		PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
1320	WATER ENTERPRISE FUND							
<u>1320 596000</u>	OFUS	2,285,353.00	883,022.14	720,295.00	730,290.00	730,290.00	727,304.00	-.4%
	TOTAL WATER ENTERPRISE FUND	2,285,353.00	883,022.14	720,295.00	730,290.00	730,290.00	727,304.00	-.4%
13204501	WATER ENTERP SALARIES & WAGES							
<u>13204501 511100</u>	S&WELECTED	1,375.02	3,000.00	3,000.00	2,000.04	3,000.00	3,000.00	.0%
<u>13204501 511900</u>	S&W	922,884.43	959,405.41	1,000,820.51	604,257.66	990,575.07	965,185.00	-2.6%
<u>13204501 512000</u>	SEAS S & W	9,975.06	19,750.50	18,768.75	12,241.25	45,696.00	33,946.00	-25.7%
<u>13204501 512500</u>	COMP TIME	.00	780.90	2,071.20	907.48	.00	.00	.0%
<u>13204501 512501</u>	STIPEND	.00	.00	1,076.84	.00	.00	.00	.0%
<u>13204501 513000</u>	OVERTIME	191,352.80	212,456.59	197,202.63	145,306.01	211,282.00	202,276.00	-4.3%
<u>13204501 513060</u>	FLUSHING	12,600.95	.00	.00	.00	31,919.00	30,618.00	-4.1%
<u>13204501 514000</u>	LONGEVITY	39,186.98	43,673.76	34,838.34	19,436.76	35,253.00	32,379.00	-8.2%
<u>13204501 515000</u>	VAC S&W	.00	.00	8,876.38	.00	.00	.00	.0%
<u>13204501 515005</u>	SICK BY-BK	.00	.00	7,366.20	7,993.29	.00	.00	.0%
<u>13204501 515007</u>	SCKLVBONUS	975.00	1,400.00	1,442.80	1,675.00	3,325.00	3,325.00	.0%
	TOTAL WATER ENTERP SALARIES	1,178,350.24	1,240,467.16	1,275,463.65	793,817.49	1,321,050.07	1,270,729.00	-3.8%
13204502	WATER ENTERPRISE FUND EXP							
<u>13204502 517200</u>	UNEMPLOYPA	.00	.00	684.00	-684.00	.00	.00	.0%
<u>13204502 517900</u>	OTHER FRIN	7,750.39	7,027.41	8,567.70	5,244.99	8,250.00	8,800.00	6.7%
<u>13204502 521100</u>	ELECTRIC	320,385.01	312,500.87	301,617.00	269,466.59	328,126.00	359,242.00	9.5%
<u>13204502 521200</u>	GAS	9,534.76	7,899.11	6,993.07	3,675.42	9,535.00	8,000.00	-16.1%
<u>13204502 524140</u>	V&EMAIN	50,028.74	58,574.97	30,350.87	50,208.92	58,500.00	58,500.00	.0%
<u>13204502 524160</u>	B&GMAINT	47,037.62	29,371.39	17,039.47	17,250.91	45,000.00	45,000.00	.0%
<u>13204502 525000</u>	TECH SUP	13,230.21	28,441.60	26,240.39	22,953.76	27,240.00	43,540.00	59.8%
<u>13204502 526000</u>	BLDG AGRMT	8,533.75	9,558.00	7,565.50	8,525.92	9,650.00	22,750.00	135.8%
<u>13204502 527000</u>	RENT&LEASE	203.70	.00	.00	.00	.00	.00	.0%
<u>13204502 530800</u>	LAB SVCS	13,093.00	11,397.96	12,095.00	9,119.50	22,500.00	30,500.00	35.6%
<u>13204502 530820</u>	PROFSVCS	120,579.89	68,496.30	16,484.21	51,764.53	75,000.00	60,000.00	-20.0%
<u>13204502 530875</u>	PRINT SVC	4,958.43	8,810.85	9,394.28	6,453.55	23,000.00	10,000.00	-56.5%
<u>13204502 534100</u>	ADV	569.20	1,122.40	1,039.80	1,604.40	1,500.00	1,500.00	.0%
<u>13204502 534300</u>	POSTAGE	9,133.38	16,527.73	16,945.59	11,812.80	21,000.00	17,500.00	-16.7%
<u>13204502 534400</u>	TELEPHONE	7,300.51	7,225.97	6,983.23	4,868.01	7,700.00	7,700.00	.0%
<u>13204502 534430</u>	COMM SVCS	14,785.04	15,738.42	16,186.05	11,679.24	16,000.00	16,000.00	.0%
<u>13204502 541100</u>	PROPANE	18,041.68	13,783.16	13,704.60	7,848.46	18,944.00	18,944.00	.0%
<u>13204502 542000</u>	OFF SUPPLS	5,080.45	5,191.57	5,166.55	3,705.91	5,900.00	5,900.00	.0%
<u>13204502 542013</u>	HARD/SOFT	23,300.54	12,787.14	23,058.78	8,388.93	25,924.00	25,924.00	.0%
<u>13204502 548100</u>	BULK FUEL	21,621.16	27,019.67	23,014.53	7,576.83	28,371.00	24,165.00	-14.8%
<u>13204502 548200</u>	TREAT SUPP	25,854.07	25,515.70	18,877.65	36,698.18	27,500.00	27,500.00	.0%
<u>13204502 548250</u>	TREAT CHEM	89,154.79	130,871.91	136,655.18	196,135.62	145,000.00	165,000.00	13.8%
<u>13204502 553000</u>	P.W. SUPPL	36,573.70	7,966.79	9,634.94	15,445.89	26,250.00	26,250.00	.0%
<u>13204502 553100</u>	METERS	114,080.66	97,273.16	137,763.10	194,459.70	180,000.00	121,000.00	-32.8%
<u>13204502 553200</u>	INSTALLSUP	42,881.98	37,865.00	35,194.52	44,030.92	43,000.00	43,000.00	.0%
<u>13204502 553300</u>	PIPESETC	73,716.32	101,877.56	76,636.56	76,904.97	90,000.00	90,000.00	.0%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

P 2
bgnyrpts

PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

WATER ENTERPRISE FUND	PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
<u>13204502 553350</u> MAINREPL	.00	109,811.00	500.00	15,239.00	35,000.00	35,000.00	.0%
<u>13204502 553400</u> HYDACC	4,362.26	5,206.33	.00	.00	.00	.00	.0%
<u>13204502 553500</u> DETAILS	38,606.36	56,041.34	26,095.59	12,252.45	60,000.00	60,000.00	.0%
<u>13204502 553600</u> RDREP	30,210.14	37,832.12	31,733.35	27,055.34	33,000.00	33,000.00	.0%
<u>13204502 553900</u> MECHTANK	30,655.00	2,851.00	3,990.00	1,980.00	10,000.00	10,000.00	.0%
<u>13204502 554200</u> GENERMAINT	12,333.00	10,225.16	9,658.37	12,058.43	12,500.00	12,500.00	.0%
<u>13204502 554300</u> WELLREHAB	69,264.00	7,145.00	3,173.00	.00	45,000.00	45,000.00	.0%
<u>13204502 558100</u> UNIFORMS	4,950.59	10,816.83	4,132.39	1,755.14	6,500.00	17,280.00	165.8%
<u>13204502 573000</u> DUE, SB, TRV	13,796.66	6,963.02	13,921.58	2,341.16	14,000.00	13,000.00	-7.1%
<u>13204502 573200</u> WATPERMIT	7,340.87	7,240.32	5,943.25	7,339.61	8,500.00	8,500.00	.0%
<u>13204502 575070</u> OPEB	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	.0%
<u>13204502 591000</u> MAT.LT.DBT	547,628.00	549,191.27	550,912.57	488,289.17	547,800.00	549,599.00	.3%
<u>13204502 591500</u> INT LT DBT	219,083.88	201,882.90	187,543.68	95,333.71	171,199.00	152,556.00	-10.9%
<u>13204502 591550</u> ADM FEE LT	1,715.42	1,291.45	1,232.06	2,342.76	2,346.00	2,222.00	-5.3%
TOTAL WATER ENTERPRISE FUND	2,107,375.16	2,099,342.38	1,846,728.41	1,781,126.72	2,239,735.00	2,225,372.00	-.6%
TOTAL WATER ENTERPRISE FUND	5,571,078.40	4,222,831.68	3,842,487.06	3,305,234.21	4,291,075.07	4,223,405.00	-1.6%
GRAND TOTAL	5,571,078.40	4,222,831.68	3,842,487.06	3,305,234.21	4,291,075.07	4,223,405.00	-1.6%

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TOWN OF HARWICH - LIVE DATA
NEXT YEAR BUDGET HISTORICAL COMPARISON

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PROJECTION: 20221 FY 2022 OPEERATING BUDGETS

FOR PERIOD 99

ACCOUNTS FOR:

WASTEWATER ENTERPRISE	PRIOR FY3 ACTUALS	PRIOR FY2 ACTUALS	LAST FY1 ACTUALS	CY ACTUALS	CY REV BUDGET	PROJECTION LEVEL 2	PCT CHANGE
1330 WASTEWATER FUND							
<u>1330 596000</u> OFUS	.00	.00	.00	.00	.00	31,446.00	.0%
TOTAL WASTEWATER FUND	.00	.00	.00	.00	.00	31,446.00	.0%
13304401 SEWER SALARIES & WAGES							
<u>13304401 511900</u> S&W	.00	.00	.00	32,899.97	80,489.00	78,099.00	-3.0%
TOTAL SEWER SALARIES & WAGES	.00	.00	.00	32,899.97	80,489.00	78,099.00	-3.0%
13304402 WASTEWATER EXPENSES							
<u>13304402 521100</u> ELECTRIC	.00	.00	.00	.00	.00	4,000.00	.0%
<u>13304402 521200</u> GAS	.00	.00	.00	.00	.00	600.00	.0%
<u>13304402 530820</u> PROFSVCS	.00	.00	6,000.00	51,008.00	192,443.00	398,286.00	107.0%
<u>13304402 530825</u> PROF SVCS	.00	.00	-55,357.92	15,676.76	.00	.00	.0%
<u>13304402 530875</u> PRINT SVC	.00	.00	.00	.00	.00	650.00	.0%
<u>13304402 554200</u> GENERMAINT	.00	.00	.00	.00	.00	2,250.00	.0%
TOTAL WASTEWATER EXPENSES	.00	.00	-49,357.92	66,684.76	192,443.00	405,786.00	110.9%
TOTAL WASTEWATER ENTERPRISE	.00	.00	-49,357.92	99,584.73	272,932.00	515,331.00	88.8%
GRAND TOTAL	.00	.00	-49,357.92	99,584.73	272,932.00	515,331.00	88.8%

** END OF REPORT - Generated by Carol Coppola **

DRAFT DEPARTMENTAL BUDGET HEARING SCHEDULE

MONDAY 3/8/21 6:30 PM

Administration

Cemetery

Town Clerk

Community Development (Building, Conservation, Health, Planning)

FRIDAY 3/12/21 9AM

Recreation

Council on Aging

DPW

Community Center

Youth Services

Fire

SATURDAY 3/13/21 9AM

Golf

Harbor

Natural Resources

Channel 18

Water

Police

MONDAY 3/15/21 6:30PM

Finance (Assessor, Accounting, Tax)

Information Technology

Library

Engineering

NEW BUSINESS



Memo

To: Board of Selectmen
From: Joseph F. Powers, *[Signature]* Town Administrator
RE: Appointment of Health Director – Kathleen O’Neill
Date: March 15, 2021

It is my pleasure to inform you of my choice for the next Health Director for the Town of Harwich. The Harwich Charter, Chapter 4, and subsection 4-4-1 requires at least three (3) affirmative votes from the board of confirm this appointment.

I have promoted our Senior Health Agent, Dr. Kathleen O’Neill to be the next Health Director.

The vacant Health Director position was posted internally, as required by the SEIU contract, on February 12, 2021 with an application deadline of February 26, 2021. The only internal application was submitted to the Administration Department on February 16, 2021 by Dr. Kathleen O’Neill.

Kathleen has been our Sr. Health Agent for more than 3 years and has met all of the qualifications of the job description and was therefore scheduled for an interview. This interview was conducted on March 1, 2021 by Meggan Eldredge.

The combination of experience, education, knowledge and skills presented by the applicant, Kathleen O’Neill made her an outstanding choice for the position of Health Director. Dr. O’Neill presented a thorough knowledge of Board of Health regulations and has an exceptional background in public health. It was clear that Kathleen is more than capable to make the change from Sr. Health Agent to Health Director and her name was put forth as a finalist for the position. I met with Kathleen on March 3rd to further the interview process and ultimately offered her the position of Health Director. Kathleen accepted the promotion and is looking forward to fulfilling her new responsibilities as Health Director.

I am thrilled to present her appointment to you for your consideration and I respectfully as for your vote to affirm this appointment.

Thank you for your consideration.

Cc: Kathleen O’Neill, Sc. D., R.S.

MINUTES
SELECTMEN'S MEETING
GRIFFIN MEETING ROOM
Monday, January 27, 2020
5:30 P.M.

SELECTMEN PARTICIPATING: Larry Ballantine, Stephen Ford, Donald Howell, Michael MacAskill, Edward McManus.

ALSO PARTICIPATING: Interim Town Administrator Joseph Powers.

CALL TO ORDER

Mr. Ballantine opened the meeting at 5:30 pm, and called to order the Board of Selectmen.

PRESENTATION

A. Monomoy Regional School District Draft Fy2021 Budget

Mr. Scott Carpenter, Superintendent, Monomoy Regional School District, introduced himself and Ms. Kathleen Isernio, Business Manager, Monomoy Regional School District.

Mr. Carpenter noted that Ms. Isernio will be retiring at the end of this year, and said that they have had a wonderful team and he appreciate her being there. He knows that she will give good guidance over the next several months, and help transition to a new business manager for next year. Also, he would like to thank the Community Preservation Committee for approving funds to be recommended at Town Meeting for the playground at Harwich Elementary School. He thanked Mr. Powers for his part with that.

Mr. Carpenter said that he will get through the presentation quickly and directed them to the second slide in the packet, "The 30,000 foot view". He said that this is the smallest budget increase that the district has put forward to the two towns, since he started. It is a level staffed, level service budget. All of the programs that are currently in the school this year, will be there next year. They do have a bubble that is currently in the seventh grade, and will

be heading to the eighth grade next year, so they will have some full time resources that will shift to the high school next year. He explained that the high school will be growing over the next couple of years, so they will be shifting teachers up to the high school over that time. The punch line here is that although it is the lowest budget increase that the district has seen, there is a challenge with the minimum required enrollment. Chatham has been going down, while Harwich has remained the same. That creates a shift in what the assessment change is for the two towns and he shared a one pager that is a snapshot of the schools.

Mr. Carpenter shared things that they can celebrate. He said that this is his sixth time coming before this Board about the budget and he would like to talk about the changes which have happened since they regionalized, and the outcomes which have come out of those changes. He said that over the past six years, they now have one on one technology, where they have chrome books given to every middle and high school student. They have “Jawsome Intervention Hour”, which supports students with enrichment at the high school, and a similar program at the middle school. That has been a reason that the middle school has been the top rated middle school on Cape Cod. They have other programs to support students who are struggling, or have issues with their course work, to reduce students from dropping out and have them get diplomas. They have an internship program that has grown from two to sixty students in the past two years. They have a digital media television program, which rivals any that exist in the State. They have a civics program that is exceptional at the high school, and they have a thriving advanced placement program. The AP test has increased from 120 to 215 tests given per year. The participation in the calculus program has doubled in the last year, with all students getting the highest score of five. They have a global studies program that has been put in place with global travel opportunities. They have four languages being offered, which is rare in a small school. They have an expansion of computer science and robotics. Also, in terms of extracurricular, their musical performances for singing and band have the highest percentage of kids that get to move on to districts and the states, then any other out there.

He continued and reported that the number of student athletes, in both middle and high school, are sky rocketing. They also have a unified sports program, which is a program that couples student peers with students with special needs, and allows them to have a sports outlet.

In terms of outcomes, they have had students get accepted at the ivy leagues, the Naval Academy, Air Force and Coast Guard Academies. They have students that received congressional nominations for both Navy and Air Force this year. They have students with perfect SAT scores, near perfect MCAS scores, National Merit Scholar students, the Jefferson Award to UVA, and a Robertson scholarship at Duke. Mr. Carpenter said that students are getting into many of the top schools and honors program at their colleges, which has more than tripled in the past few years.

Mr. Carpenter added that other important factors are that the two communities are really supporting the kids and they have over \$350,000 in scholarship money given out to the graduates, which has been raised by the two towns. He said that there are more and more families wanting to be a part of Monomoy, that they have had to turn families away who want to choice into the district.

Mr. Carpenter said the punch line of the budget, on page 52 of the packet, is that it is an overall 2.64% increase over the prior fiscal year. The reserves are strong, and they are able to use those reserves along with additional school choice money that is coming in. Therefore, they are able to have the assessment for the towns combined to be a 1.78% assessment increase. The minimum required contribution creates this differential between the two towns and in terms of what the assessment change is, there is a 2.62% increase for Harwich, since it has seen their numbers going up in terms of students and Chatham has seen a decline in the number of students and are at a negative .68% over the prior year.

Mr. Ballantine asked if they had any details regarding the enrollment changes for the two schools.

Mr. Carpenter showed a couple of slides and provided an overview of where the kids are. He explained that their enrollment as a district is down by about 20 students overall, and they are seeing a shift in the number of students that are heading out to the charter schools or school choice. In terms of the budget itself, they have a slide that shows the three year rolling average for foundation enrollment. He said that this one is important because this is how the regional agreement specifies how they divvy things up and how much of the operating budget is for Harwich, debt budget, or for Chatham. The foundation enrollment is not the enrollment of students in Monomoy seats, it is how many

Harwich students are attending public schools and Monomoy is responsible for them. Chatham has continued a small downward shift in the three year average and Harwich has been slowly going up each year.

Mr. Carpenter shared slides showing the enrollment vs minimum contribution and both towns had small declines in enrollment, but minimum required contribution has gone up. In regards to enrollment, the district has 65% in Harwich, 21% in Chatham, and 14% in Choice. Mr. Carpenter said they talked about their enrollments and anticipate it being relatively flat going from this year to next year. He said that they see slightly fewer students coming in at the elementary grade levels, but also an appreciable number of students coming up to the upper grade levels now.

Mr. Ford asked what that number is. Mr. Carpenter said that currently for the 7th grade, they have 37 Chatham students, and 123 Harwich students. This is compared to what they currently have in 8th grade, which is 23 students in Chatham, and 88 students in Harwich. They anticipate the high school operating right at 700 students, which is what the building was built for.

Mr. Ballantine asked about Chatham, and if they are reaching an enrollment level that is too low to maintain that school?

Mr. Carpenter said no, and that what they have been doing is closing a classroom each year. They have tried to put together budgets that look at class sizes averaging at about 18 across grade levels. Therefore, in Chatham, they have been seeing about 30 students that are Chatham residents each year, and that has been fairly stable over the past few years. So, that makes for two classes of 15, and then they open up school choice to bring up those classes. They don't see those numbers dipping below. They do not anticipate having school choice openings in Harwich, and would be able to place at any within Chatham. He also showed another slide with school choice and charter school enrollment trends. The green line shows school choice coming into the district and bringing tuition dollars in and the orange line shows the number of students leaving the district, which is down. The number at the charter schools has been relatively flat throughout.

Mr. Ford asked if there was a program to address why families would choose to leave the district, and to try and convince them of the value?

Mr. Carpenter said that they do a lot of outreach. He said that according to the MIAA, students are not supposed to school choice because of athletics, but he thinks there are students who do choice out because of athletic opportunities. They do get feedback both ways, but he thinks it is far more about extracurricular and wanting larger school districts.

Mr. Howell asked if Mr. Carpenter could answer the question; about what follow up they do. Mr. Carpenter said that their school's principals and guidance counselors reach out to families that leave the district and get feedback which they track each year, at each level.

Mr. Carpenter moved on to discuss the reserves and said that they have on the regional school district side an excess in deficiency account, which would be equivalent to "free cash" on the town side. He said that when they started, the goal was to bring the excess in deficiency up to 4% by year six, but they were able to get it up to 5% by year six. So they were able to use more of it to help offset the cost of the assessment on the two Towns. Mr. Carpenter said that they used \$550,000 last year and will be able to continue to use \$550,000 to offset the budget this year. Also, they will be able to address one of the strategic initiatives of a new math program and an ELA program in the elementary school out of this money. In terms of school choice, they will have almost \$600,000 in that account, which is a healthy balance should they have a staffing need mid budget cycle. They also have an extra \$100,000 from school choice, because of the number of students coming in. They can use that to help offset the assessment to the two Towns. He further explained the value of school choice, and keeping students in Monomoy.

Mr. Carpenter said that the punch line of this budget, as seen on slide 27, is that it is a \$41.8 million budget. He said that they have a thorough, long range, capital plan for the district. The buildings are in as good or better shape than when Monomoy started and they invest money each year to make sure they are well maintained and invest money to ensure the IT infrastructure can support a high quality of education for the students. Mr. Carpenter said that there are slides on where the funding comes from. The bulk of the funding comes from the tax payers and assessments, which is 62.9%. State aid is just under 9%, school choice is 3%, excess and deficiency is 1.3%, regional transportation aid is 1.6%, Charter school reimbursement and miscellaneous revenues is 0.7%, and circuit breakers is 0.7%.

Mr. Ford said that he is trying to understand the circuit breaker, and asked about the final slide they received, where the grand total shows \$43,325,885. He would like to know what that number represents.

Ms. Isernio said the number that gets charged to the general fund that is part of the assessment, shown on page 29, the non-public tuition number is \$780,520, plus the \$290,262 that comes out of the circuit breaker. The total general fund budget that gets folded in and assessed to the two Towns, is the \$41,826,623. If they did not have school choice, or circuit breaker money, that dollar amount would be the \$43 million. She said that if they looked through the budget, they will see that there are offsets, such as, school choice dollars, and circuit breakers are non-public tuition, which are residential tuitions for the most part.

Mr. Carpenter continued with the next slide, which showed where the money goes. For the school district, 71.7% of the budget is for salaries and benefits, and school choice and charter tuitions are 5.6%. He added that the budget increase, over prior years, is 2.64%, the operating budget is going up by 3% and they cut out money for stabilization.

Mr. MacAskill questioned if they were going to be adding money back to the stabilization fund. Mr. Carpenter said yes, they had spent \$20,000, and they will put in another \$50,000, which they will hold for large items that will be coming up.

Mr. Howell asked about why they had one dollar on the free cash report. Ms. Isernio said that was likely a rounding error, because they do not return money to the Towns. They keep the money and that is what goes into their excess and deficiencies. Ms. Isernio further clarified that the stabilization is for capital improvements, and they hope to set it aside for when something major comes along.

Mr. Carpenter said that by statute, the district cannot carry over 5% in excess and deficiency. He said that anything over 5% would have to be turned back to offset the two Towns.

Mr. Howell said that is what he was getting at, that it is not necessarily the money that they are giving the district that they are operating off of, at the end of the year. The bottom line for him, is that it would be really good to

know what went in and what went out. He would like to know what they are expecting to have left over to apply in the future.

Ms. Isernio said that they were just certified.

Mr. MacAskill asked for clarification purposes, what the number is for excess and deficiency for this budget cycle?

Ms. Isernio replied that it is \$2,095,281. Mr. MacAskill said, so that is the accumulation of all of it? Ms. Isernio said no, when the year starts you basically start at zero and it gets recertified every year. Through FY19, the excess and deficiencies is \$2,095,281, then they will be using \$550,000 to offset this budget, plus \$120,000 to do the ELA curriculum purchase. Mr. MacAskill said, so out of the \$41 million budget last year, they had \$2 million in excess certified this year. Ms. Isernio confirmed and said that until it gets recertified again, they cannot spend anything unless it is approved by the two Towns.

Mr. Carpenter further explained how they can use the excess and deficiency account and then went on to discuss the value in terms of what the per pupil looks like relative to neighboring school districts. He said that when they got into the assessment, the big driver was the minimum required contribution. There is a slight increase of .9%, and because this is built into the calculation on minimum required contribution, Harwich will go up. However, Harwich is going up proportionally more than Chatham.

Mr. Carpenter shared the assessment sheet, which showed the \$41.8 million budget. He explained the different amounts getting back off of the budget and all of the total revenues coming in at \$4.8 million. This is the nonoperating expenses which get allocated into an operating assessment. He said that it is the operating assessment that gets split between the two Towns, based on the three year rolling average. At the moment it is 74.35% to Harwich and 25.65% to Chatham. He explained that the transportation assessment is done a little differently, by the regional agreement. It gets divvied up on the number of Harwich and Chatham students that are in seats in their classrooms and actually using the bus. That gets split, 74.8% and 25.2%. These get tallied together so you have the overall FY21 draft assessment, which is \$27.3 million towards Harwich, and \$9 million towards Chatham. Overall it is \$36.4 million for the two Towns. Then they have a breakdown on how that differs

from the year before. That is where you see the 2.62% up for Harwich, and .68% down for Chatham.

Mr. Ford asked about the breakdown for excess and deficiencies and if more of it should slide to Harwich, because Harwich is taking on more of the budget. Mr. Ballantine said he made a good point. Mr. Ford said it seems logical and asked if Mr. Carpenter could look into it.

Mr. Howell said it is an appropriate time to ask that. He said that when they first started talking about regionalizing, they were talking about the savings looking like a 55% to 45% split. Then it was a 60% to 40% split, and now they are talking about 75% to 25%. He asked if there is a driver on the bus and said he also asked that last year. He asked if they have been to the Planners to see what the long terms are for housing and affordable housing for Chatham and here?

Mr. Carpenter said yes, and there is also a separate conversation in Chatham, which is part of their Chatham 365 initiative to get more year round families in Chatham. He said that one of their efforts is to look at universal pre-k for four year old's in Chatham. However, they are in the opinion, that the school district cannot do that in Chatham, if they are not going to open it up in Harwich. Chatham is looking at it, and how they might be able to do it.

Mr. Howell said he was looking at broader ideas.

Mr. Carpenter said that the Superintendents all meet Cape wide, with Town Managers, and have a legislative breakfast. He said that those are some bigger conversations because it is happening across the Cape with affordable housing. They are bigger issues that impact us.

Ms. Isernio said that as a point of clarification, when they became Monomoy back in FY13, it was a 72% to 28% split and now is FY21, it is 74.35 % to 25.65% split. It is trending, but not that bad.

Mr. Howell said he was saying that he was referring to what they were first planning.

Mr. Ballantine asked about how things have worked out transitioning to a new bus line?

Ms. Isernio said that they are satisfied, and they will see the savings on field trips. There have been some adjustments, but overall the community is satisfied and they have a point person in the office which they can contact. She said that budget wise, it has been what they thought, a 5% increase in regular transportation and savings will happen for the activities.

Ms. Isernio said that there is a section on the website under finance, which the association related to school districts put out and it is helpful.

WEEKLY BRIEFING

- A. Sewerage Work Improvement Phase 2 – Contract #1 – Construction Schedule – Weekly Update
- B. Sewerage Work Improvement Phase 2 – Contract #2 – Construction Schedule

Mr. Joseph Powers, Interim Town Administrator, said that they will be receiving updates now for both contracts, and began by reading a synopsis that was provided by CDM Smith.

He read the three week look ahead for RJV, and said first they will be focusing on setting up the staging area, mobilizing equipment and receiving deliveries of materials. Their focus the following two weeks will be installing sewers on Cemetery Road and Sou'West Drive. Specifically, within the weeks of February 3rd and 10th, they will begin the installation on Cemetery Road which requires road closures on Cemetery Road, between 137 and Church Street. The three week look ahead, for the week of February 10th, due to the work on Sou'West Drive, road closures will continue to be necessary. He said that this ties into the work that they have been doing with the two towns, and the two contractors, and they have a meeting tomorrow.

Mr. Powers continued with the update from Robert B Our, and said that for this week they will continue their sewer installation on Route 137, including installing sewers on Old Heritage Way. Also, as a reminder that this week is the expected extended work hours on Wednesday and Thursday for the deep manholes. They will continue next week on Route 137, which requires detours, and in three weeks there will be another installation of a deep sewer installation. The location of that is not indicated, but he will find out and report back next week.

PUBLIC COMMENTS/ANNOUNCEMENTS

A. Ms. Judith Underwood, Water Commissioner and member of the Affordable Housing Trust, said that she would like to request to the Board that they consider the leadership transition in the Planning Department. She said that they are losing Ms. Charleen Greenhalgh, Town Planner, in July and they are really hopeful that the Board will do what they need to do to hire a new Planner sooner so that they can work together for as many months as possible. She explained that Ms. Greenhalgh is a wealth of knowledge for many boards and it would be money well spent to have someone be able to transition for many months with her.

Mr. Howell said that this grew out of the Housing Institute briefing which they had today. It came up as they were discussing the comprehensive plan and if they wait to hire someone, they will be putting that way off or starting at a lower level of knowledge. He added that he understands the budget implications, but there is a reason for it.

B. Mr. Richard Waystack, reminded everyone again, that this is the last week to file an abatement. For anyone wishing to challenge the value of their property, they have to have the application in by February 1st.

C. Mr. Jack Brown, Chairman, Finance Committee, said that he would like to ask the community to find a couple more people to work on the Finance Committee. He explained that they have been understaffed for the past several years and they need a hand from some people who are dedicated to help keep this town successful.

Mr. MacAskill asked if he could explain how someone would apply and who would appoint them?

Mr. Brown said in the back of the Town Meeting annual book, in the Selectman's office, there is a list of what is available and who to talk to and said that the Town Moderator appoints the position.

Mr. MacAskill asked again about the application process and Mr. Howell confirmed for the public, that they apply through the Administrator's office.

Mr. Ballantine also said that people can contact the Board of Selectmen and they would be able to help anyone out that is interested in joining a committee.

- D. Deputy Fire Chief David LeBlanc, Harwich Fire Department, announced that Station 2 officially opened today, and they are operating. They are in good shape and troops were there for the opening ceremony. He said that they are thankful for the support of the Board and the Town for helping to get this job done.
- E. Mr. Ballantine said that they are looking for portraits of the Town of Harwich to put on the annual report. He asked if anyone has any to please submit them to the Town Administrator's office.
- F. Ms. Carolyn Carey, Director of the Community Center, wanted to remind everyone that February is their birthday celebration. February 1st they start with the fairy doors and on February 2nd, from 12:00 pm to 2:00 pm, they are having their own "Souper Bowl Sundae Party". They will be having soup and making their own sundaes and some bowling. On Wednesday, February 5th, which is the actual 20th birthday, they will be having a "then and now" celebration, a cake decorating and baking contest, and they will be putting things in a time capsule. Ms. Carey said that she hopes people will be able to come, and that is at 3:00 pm in the Community Center. On Wednesday, February 19th at 9:00 am, they will be having the kids breakfast and the fairy doors are due back in. Then at 6:00 pm, that evening, they have a psychic in the gym, and on Friday, February 28th from 6:30 pm to 8:30 pm, the Sound Dunes will perform. All events are free, but she asked if people could please bring a donation for the Family Pantry.

Ms. Carey also announced that around Town they will be giving out lifesavers that say you have been a *Community Center Lifesaver*. They will be giving those out throughout the month of February.

- G. Ms. Emily Mitchel, Director, Council on Aging, said that they have some Council on Aging events coming up at the Community Center. On Tuesday February 4th at 11:00 am, they are having an Aging in Place Workshop. The Massachusetts Guardianship Academy will be there to talk about aging-in-place, and the legal realities; such as, what is a health care proxy, what is a power of attorney and what is legal guardianship, and why is it important to have those decisions made, while you are able to make them. They are serving lunch and it is free, they are asking for RSVP by this Friday. Then Thursday, February 6th, they are having a census info session. They are doing that with

Brooks Free Library at 10:30 am. It is just a place to get your general census questions answered.

CONSENT AGENDA

- A. Vote to accept the recommendation from Heinz Proft, Natural Resources Director to appoint Greg Garber as volunteer Shellfish Warden
- B. Vote - Annual & Seasonal Lodging House or Innholders License Renewal 2020 for Sands Hospitality, Inc. DBA Platinum Pebble Boutique Inn

Mr. Ford moved to approve items A and B above. Seconded by Mr. MacAskill. All in favor, motion carried by unanimous vote.

- C. Vote to affirm the appointment of Jake Domos to the Noise Containment Committee
- D. Vote to affirm the appointment of Jacqueline Pentz-Greene to the Bikeways Committee

Mr. Howell asked to hold these to read separately. He explained that it was so late doing the interviews that they could not hit the deadline to get it on the agenda, except to be legally sufficient. He was able to get the timeframes for the appointments.

Mr. Howell read as one motion and moved to appoint Jake Domos to the Noise Containment Committee, as a full business member with a term to expire 2020 and he would like to also move that they appoint Jacqueline Pentz-Greene to the Bikeways Committee, as a full member with a term to expire 2022. Seconded by Mr. MacAskill. All in favor, motion carried by unanimous vote.

CONTRACTS

- A. Discussion and possible vote to accept FY 2020 Executive Office of Elder Affairs Formula Grant Funds - \$53,258.38

Mr. Powers said that he would turn this over to Ms. Emily Mitchel, Council of Aging Director, but added that he supports her, and her recommendation to the Board.

Mr. MacAskill moved that they accept FY 2020 Executive Office of Elder Affairs Formula Grant Funds for \$53,258.38. Seconded by Mr. Howell.

Ms. Mitchel said that the Executive Office of Elder Affairs awards this grant to every municipality in the State. It is a figure of \$12 per senior, based on the number of seniors on the previous Federal Census and it is administered by the Council on Aging. She said that it is for FY20 and contingent on the State Legislature approving funds, which they have already done. Ms. Mitchel also explained that they are allowed to deficit spend for expenses approved in previous years; so that is what they have been doing.

All in favor, motion carried by unanimous vote.

OLD BUSINESS

- A. Town Administrator Screening and Search Process 1. Draft – Screening Committee Charge 2. Draft – Position Profile 3. KP Law Open Meeting Law Review
- B. Next Steps – Hiring Town Administrator Search Firm
 - 1. Scope of Search
 - 2. Procurement

Mr. Ballantine said that he has sent the other Board members the draft for the screening committee charge, the position profile, and the KP Law open meeting law review. He said that it is in the packet and he is hoping to get any comments from the audience or people watching, as well.

Mr. Howell said he does not want to throw a hand grenade in the room, but they have to have a discussion about hiring a search firm or not. He has been looking at what value is added, especially since one of them specifically said they would go with ten candidates, which is not what they want.

Mr. Ballantine said he would like some feedback still, but he appreciates Mr. Howell's moving him to the next step. He said that he contacted legal counsel to find out what the scope would look like and asked them how to proceed. Mr. Ballantine said that the direction he would like to go, is to have a consulting firm that would help them with recruiting. He added that they have a very strong screening committee and a strong board, so they could do

the screening themselves, which would keep the price down substantially. He said that it also gets them where they want to be with applicants. He thinks they are going in the same direction. Mr. Ballantine also said that since Mr. Powers will likely apply for the job, he has sked him to remove himself from the search committee activities. That way it helps ensure that it is transparent and they do not have any conflict of interest. Mr. Ballantine said that he spoke with Mr. Robert Lawton, Interim Assistant Town Administrator, and he has agreed to provide some support for this.

Mr. Ford asked if Mr. Ballantine had a date in mind to come to a conclusion for hiring the search firm.

Mr. Ballantine said that he has asked for some guidance on that, and it will be in the packet next week. What he is trying to do, is to work through this methodically, get as much input as possible, and not rush it, to get the right candidate.

Mr. MacAskill said that he will wait to see the draft to critique it, but asked if he was trying to focus on screening? Mr. Ballantine said no, the focus is on recruiting.

Mr. MacAskill thinks that they can go out for quotes, based on the presentations they had.

Mr. Ballantine thinks that they can go out, after they all agree. They have a great search committee and they can weigh in.

Mr. Howell said that he is looking at the notes from KP Law. He said that he wants to make sure that this does not get lost, and that everyone needs to be mindful that when the Executive Session is done, there will be minutes that the public will see, and it will not be private forever.

Mr. Ballantine said they do need to be careful because people who send in applications, it could compromise their current positions. They have to be careful to keep confidential and it becomes public when the finalists are announced to them.

Mr. MacAskill suggested that this would be a good time for a training opportunity. He said that one of the first meetings the Search Committee has

should be with KP Law for training since this is a personnel issue. The Board was in agreement, because this is so important.

Mr. MacAskill also asked about getting to see all the resumes, which was discussed in regards to the legal aspects of sharing and confidentiality. It was agreed that they can perhaps be kept in the office to be reviewed.

TOWN ADMINISTRATOR'S REPORTS

A. Budget/Warrant Timeline FY 2021

Mr. Powers explained that they should have this in front of them. He had submitted an email to the Board, Department Heads and Committee Chairs, and this is a request to the Board about the budget message to be delivered. He said that the Charter has a deadline of on or before the second Tuesday of February and he is asking the Board to have him present on February 10th. He said that if that is acceptable, they would be changing the proposed date of the full-day Selectmen's and Finance Committee's budget presentation. The new dates would be February 10th for the budget message, and Saturday, March 7th for the full-day.

Mr. Powers said that this is consistent with last year's overall timeline. He has been able to tighten up the deadlines, and additional key dates are Monday, March 23rd for when the Board is expected to sign the warrants for the Annual Town Meeting, the Annual Town Election, and if applicable, the Special Town Meeting. He said that he worked with the Town Clerk today, and confirmed that being able to do that and confirm the ballot to her officially on March 24th, is more than sufficient. He also spoke with the Finance Committee, Capital Outlay and the Finance Director and they are all aware of it.

Mr. Howell said, personally, he thinks the reason for trying to bring it earlier is in case they get a "gotcha moment". He would like a commitment that they will get to something close to what the Board of Selectmen are asking for. He added that time is always an issue for this.

Mr. Powers said that once the Board had a chance to look through the revised timeline, they will find that all of the tasks are cascading down to that deadline of March 23rd. He knows in the past there may have been a closing of the warrant, but then the need for additional materials, or as the case may be, this

eliminates all of that. The Board will be presented with a full and final packet, no later than March 23rd, without any changes afterwards.

B. Interim Loan Note CWP-18-23 from 1.21.20 Agenda

Mr. Powers said that this is a request from last week's meeting and the Treasurer/Collector provided the background information that tied back to last week.

C. Mr. Powers said he had two additional quick items, the first is about the Emergency Management Grants, which have been acquired over time. This goes back to the claims put in from the Town, through the Golf Course and staff. He received notice from the insurance claim adjuster, and the town has received a distribution for the loss of revenue from the tornado, and the cost of removing the damaged trees. The town received note of income of \$74,757.98. He said that this is a great story for money coming back to the town.

D. Mr. Powers said that the town of Chatham is dealing with an issue with the U.S. Coast Guard and they have asked for the Town of Harwich to offer comments to the Coast Guard. This is regarding the de-establishment of the 'C' buoy, which is east of Chatham. He said that this has caused quite a bit of consternation in the Town of Chatham. He has been able to speak with his counterpart in Chatham, Mr. Joe Goldsmith and they would appreciate it if the Board of Selectmen would offer a letter of support arguing against this. Mr. Powers said that he could draft a response, if the Board would like, and have it ready for next week. Mr. Ballantine agreed.

SELECTMEN'S REPORT

Mr. Howell said that MMA had just happened and he got various materials from the seminars for each of them, which he will provide.

Mr. McManus repeated what Ms. Mitchel had mentioned earlier, that the living documents are important for basically everyone at that age to have in place.

Mr. MacAskill said that he would like to request an update on procurement, as well as, positions that are not filled. Also, he would like to have a conversation on follow-up and follow through. He said for instance they received an email about a tree that

needed to be pulled up at the cemetery and he asked how they would know when these things are followed through with.

Mr. Ford said he has received a lot of questions from business owners and people living within Harwich Port about the speed issue there. He asked how they can calm the speed down for people going through there. He said that he does not know where to start, but he would like to respond to people.

Mr. Howell said that the contract for support for the Housing Trust is up by June 30th, and he does not know what happened to the Executed Extension. He said that it is missing, so he will need the Board to re-sign it again. He also would like everyone to know that they would like to use the resources to send out an RFP, and they would need to be able to rely on staff to do that.

Mr. McManus said he wanted to go back and ask about a procurement request from several months ago. He said that the Highway Department was looking to purchase a stump grinder and their take was to wait and see. He called State Legislature to rattle to see when money is coming through and he understands that if the acquisition is not made soon, and the demands of getting ready for summer, will cause problems. He asked if this can be put back on the agenda? Mr. MacAskill agreed and said this is a budget item at this point and they need this.

Mr. Ballantine responded back to Mr. Ford and said that it would go to the Traffic and Safety Committee. He said that it is frustrating, because they have not been able to come up with a solution.

Deputy Chief Kevin Considine said that he can touch base with Mr. Ford on this. They do have sign boards that are getting out there and a police presence. He said for the short term, the police, but for long term solutions, Traffic and Safety Committee.

ADJOURNMENT

Mr. McManus moved that they adjourn at 7:24 pm. Seconded by Mr. MacAskill. All in favor, motion carried by unanimous vote.

Respectfully submitted,

Lisa Schwab
Board Secretary



OFFICE OF THE SELECTMEN
732 MAIN STREET
HARWICH, MA 02645
508-430-7513

APPLICATION FOR COMMON VICTUALLERS LICENSE

Fee: \$50 New application Annual # of seats 72
Renewal Seasonal Opening date APRIL - MAY 2021

In accordance with the provisions of the Statutes relating thereto, application for a Common Victuallers license is hereby made by:

Business Name 554 STREET BAR Phone 774 209 3160

Doing Business As (d/b/a) 3MONKEYS

Business Address 554 RT ~~28~~ 28 HARWICHPORT MA 02646

Mailing Address SAME

Email Address Tony_gullotti@yahoo.com

Name of Owner TONY GULLOTTI + MINE STRANGFELD

(If corporation or partnership, list name, title and address of officers)

TONY GULLOTTI

MICHAEL STRANGFELD

[Signature] (VP/MS) Federal I.D. # _____
Signature of applicant & title

Pursuant to MGL Ch. 62c, Sec. 49A, I certify under the penalties of perjury that to the best of my knowledge and belief I have filed all state tax returns and paid all state taxes required under law.

554 STREET BAR By [Signature]
Signature of individual or corporate name Corporate officer (if applicable)

REGULATORY COMPLIANCE FORM

The premises to be licensed as described herein have been inspected and found to be in compliance with applicable local codes and regulations, including zoning ordinances, health regulations and building and fire codes.

[Signature] [Signature] [Signature]
Building Commissioner Board of Health Fire Department

Required signatures to be obtained by the applicant prior to submission of new applications.



OFFICE OF THE SELECTMEN
732 MAIN STREET
HARWICH, MA 02645
508-430-7513

APPLICATION FOR COMMON VICTUALLERS LICENSE

Fee: \$50 New application Annual # of seats 60
Renewal Seasonal Opening date ~~APRIL~~ 2021
MAY

In accordance with the provisions of the Statutes relating thereto, application for a Common Victuallers license is hereby made by:

Business Name MT GROUP LLC Phone 774 209 3977

Doing Business As (d/b/a) MAD MINNOW BAR + KITCHEN

Business Address 554 RT 28 HARWICH PORT MA 02646

Mailing Address SAME

Email Address MIKE@MADMINNOW.COM

Name of Owner MIKE STRANGFELD + TONY GULLOTTI

(If corporation or partnership, list name, title and address of officers)

ANTHONY GULLOTTI II
MARGUET

MICHAEL STRANGFELD
MIEGARD

(Signature) (VPRES)
Signature of applicant & title Federal I.D. #

Pursuant to MGL Ch. 62c, Sec. 49A, I certify under the penalties of perjury that to the best of my knowledge and belief I have filed all state tax returns and paid all state taxes required under law.

MT GROUP LLC
Signature of individual or corporate name By *(Signature)*
Corporate officer (if applicable)

REGULATORY COMPLIANCE FORM

The premises to be licensed as described herein have been inspected and found to be in compliance with applicable local codes and regulations, including zoning ordinances, health regulations and building and fire codes.

(Signature) *(Signature)* *(Signature)*
Building Commissioner Board of Health Fire Department

Required signatures to be obtained by the applicant prior to submission of new applications.



Jean M. Lorizio, Esq.
Commission Chairman

Commonwealth Of Massachusetts
Alcoholic Beverages Control Commission
95 Fourth Street, Suite 3
Chelsea, MA 02150-2358

2021
Retail License Renewal

License Number: 05566-RS-0506	Municipality: HARWICH
License Name : 554 STREET BAR LLC	License Class: Seasonal
DBA : Three Monkeys	License Type: Restaurant
Premise Address: 554 Route 28 Unit B Harwich, MA 02646	License Category: All Alcoholic Beverages
Manager: Michael Strangfeld	

I hereby certify and swear under penalties of perjury that:

1. I am authorized to sign this renewal pursuant to M.G.L. Chapter 138;
2. The renewed license is of the same class, type, category as listed above;
3. The licensee has complied with all laws of the Commonwealth relating to taxes; and
4. The premises are now open for business (if not, explain below).

Signature

ANTHONY KOTZ JR.
Printed Name

MARCH 2, 2021
Date

OWNER
Title

Please sign this form only in the month of March and return to your Local Licensing Authority.

Additional Information:





Jean M. Lorizio, Esq.
Commission Chairman

**Commonwealth Of Massachusetts
Alcoholic Beverages Control Commission
95 Fourth Street, Suite 3
Chelsea, MA 02150-2358**

**2021
Retail License Renewal**

License Number: 00094-RS-0506	Municipality: HARWICH
License Name : Mt Group LLC	License Class: Seasonal
DBA : Mad Minnow Bar And Kitchen	License Type: Restaurant
Premise Address: 554 Route 28 Harwich, MA 02646	License Category: All Alcoholic Beverages
Manager: Michael Strangfeld	

I hereby certify and swear under penalties of perjury that:

1. I am authorized to sign this renewal pursuant to M.G.L. Chapter 138;
2. The renewed license is of the same class, type, category as listed above;
3. The licensee has complied with all laws of the Commonwealth relating to taxes; and
4. The premises are now open for business (if not, explain below).

Anthony Guilotti Jr.
Signature

ANTHONY GUILOTTI JR.
Printed Name

MARCH 2, 2021
Date

OWNER
Title

Please sign this form only in the month of March and return to your Local Licensing Authority.

Additional Information:



Jean M. Lorizio, Esq.
Commission Chairman

Commonwealth Of Massachusetts
Alcoholic Beverages Control Commission
95 Fourth Street, Suite 3
Chelsea, MA 02150-2358

2021
Retail License Renewal

License Number: 00005-HT-0506	Municipality: HARWICH
License Name : Phoenix Park Inc	License Class: Seasonal
DBA : The Irish Pub	License Type: Hotel/Innkeeper
Premise Address: 126 Route 28 Harwich, MA 02671	License Category: All Alcoholic Beverages
Manager: Brandan Oreilly	

I hereby certify and swear under penalties of perjury that:

1. I am authorized to sign this renewal pursuant to M.G.L. Chapter 138;
2. The renewed license is of the same class, type, category as listed above;
3. The licensee has complied with all laws of the Commonwealth relating to taxes; and
4. The premises are now open for business (if not, explain below).

Brandan Oreilly
Signature

3/7/21
Date

BRENDAN OREILLY
Printed Name

MANAGER
Title

Please sign this form only in the month of March and return to your Local Licensing Authority.

Additional Information:



OFFICE OF THE SELECTMEN
732 MAIN ST., HARWICH, MA 02645
508-430-7513

APPLICATION FOR LODGING HOUSE OR INNOLDERS LICENSE

LICENSE APPLIED FOR: Lodging House Innholders

Fee: \$50 New application Annual # of rooms 5
Renewal Seasonal Opening date May 1st

Business Name GINGERBREAD HOUSE Phone 508 432 1901

Doing Business As (d/b/a) — " — Cell # — — —

Business Address 141 DIVISION ST. W. HARWICH MA 02641

Mailing Address SAME AS ABOVE

Winter Address & Phone — " —

Email Address STACIA.KOSTECKI@HOTMAIL.COM

Name of Owner STACIA KOSTECKI

(If corporation or partnership, list name, title and address of officers)

Stacia Kosteci Owner
Signature of applicant & title Federal I.D. # _____

INNOLDERS ONLY – List total number of seats in dining/lounge area. _____

Pursuant to MGL Ch. 62c, Sec. 49A, I certify under the penalties of perjury that to the best of my knowledge and belief I have filed all state tax returns and paid all state taxes required under law.

Signature of individual or corporate name By _____
Corporate officer (if applicable)

REGULATORY COMPLIANCE FORM

The premises to be licensed as described herein have been inspected and found to be in compliance with applicable local codes and regulations, including zoning ordinances, health regulations and building and fire codes.

[Signature]
Building Commissioner

[Signature]
Board of Health

[Signature]
Fire Department

Required signatures to be obtained by the applicant prior to submission of new applications.

OLD BUSINESS

April 7, 2017

The Town of Harwich
ATTN: Christopher Clark – Town Administrator
732 Main St.
Harwich, MA 02645

RE: Utility Company Pole # 98-3A located on property at 40 Harbor Rd., Harwich, MA 02646 owned by The Town of Harwich (“Property Owner,,)

Dear Mr. Clark :

To follow up on your recent conversation with Benjamin T. Madden, Cellco Partnership d/b/a Verizon Wireless has the authority and the consent of the Utility Company to install equipment on the Pole on the above property owned by the Property Owner.

The Property Owner grants consent for Verizon Wireless to access the Pole for the purpose of installing and maintaining equipment as shown on the attached drawings.

The installation and maintenance shall be at Verizon Wireless’s sole cost and expense, and the equipment shall remain on the Pole until removed by Verizon Wireless at its sole cost and expense.

Very truly yours,

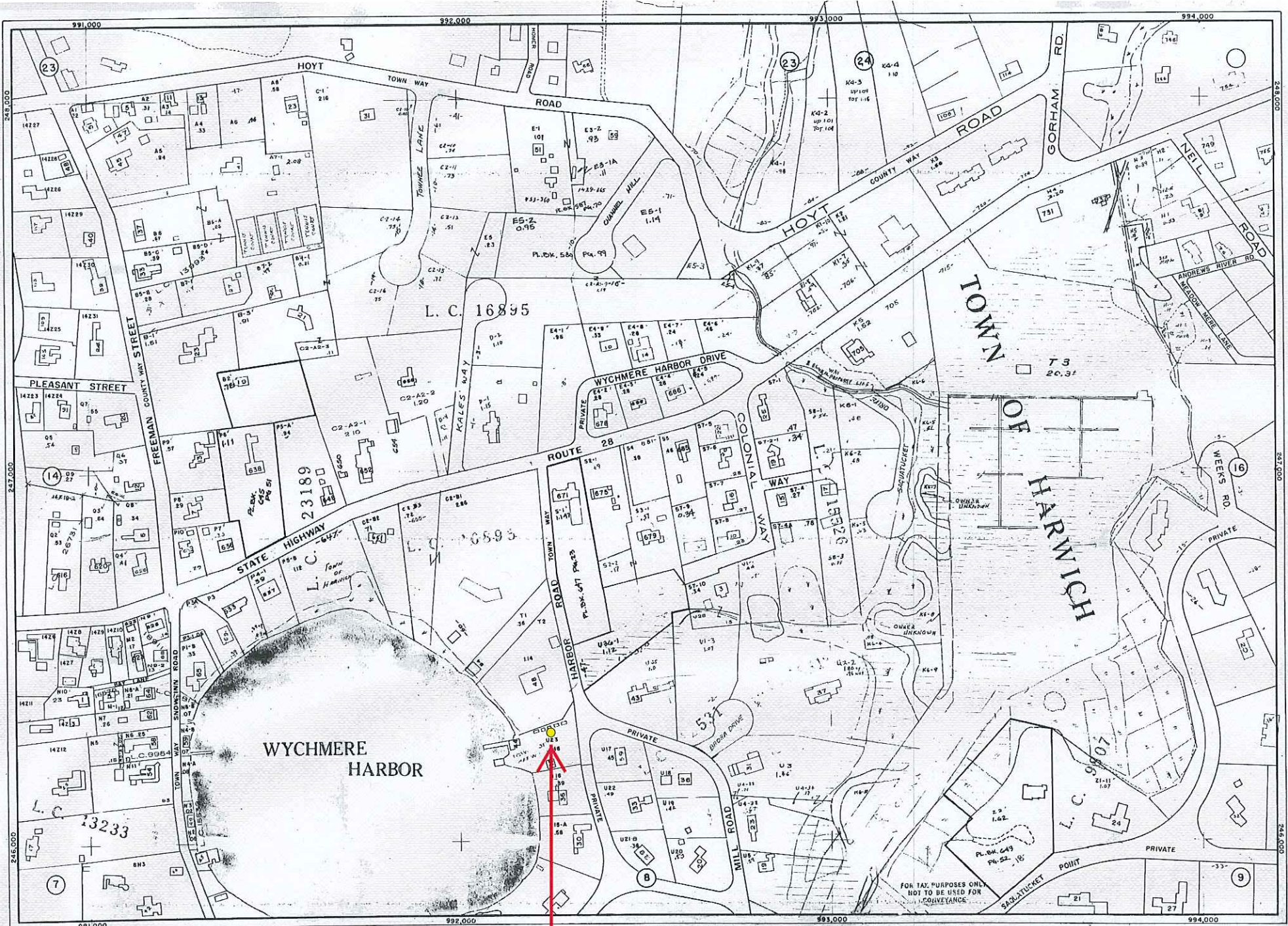
Sean Conway
Engineer IV RE/Regulatory

Consented to by Property Owner: The Town of Harwich

By: 

Name: Christopher Clark – Town Administrator
Duly Authorized

Date: 4/10/17



WYCHMERE HARBOR

L. C. 16895

23189

TOWN OF HARWICH

FOR TAX PURPOSES ONLY
NOT TO BE USED FOR
EVIDENCE

Key: 10567

Town of HARWICH - Fiscal Year 2016

12/7/2015 11:10 am SEQ #: 8.986

LEGAL

CURRENT OWNER				PARCEL ID				LOCATION			
HARWICH TOWN OF - SELECTMEN WYCHMERE HARBOR LANDING 732 MAIN ST HARWICH, MA 02645				15-U23-0				40 HARBOR RD			
TRANSFER HISTORY				DOS	T	SALE PRICE	BK-PG (Cert)				
HARWICH TOWN OF - SELECTM				01/01/1932	E		(3000)				

CLASS	CLASS%	DESCRIPTION		BN ID	BN	CARD	
9310	100	IMP.SELECT/CITY CNCL			1	1 of 1	
PMT NO	PMT DT	TY	DESC	AMOUNT	INSP	BY	1st %
97		56	CYCL-NO GR		06/01/2015	DS	100 100
112	03/17/2005	56	CYCL-NO GR	4,000	04/14/2005	MO	100 100
495	03/26/1998	3	ALTERATIONS	400	05/02/2006	MO	100 100
	09/27/1989	1	NEW CONST	1,500	04/03/2003	MO	100 100
		2	ADDITIONS				100 100

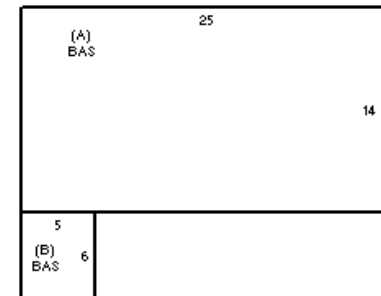
LAND

CD	T	AC/SF/UN	Ngh	Infl1	Infl2	ADJ BASE	SAF	Topo	Lpi	VC	CREDIT AMT	ADJ VALUE	
100	S	20,909	16	1.00	DCK 1.00	100	1.00	1,818,110	1.56	100	1.00	8 13.30	1,363,530

TOTAL	20,909 SF	ZONING	FRNT	0	ASSESSED	CURRENT	PREVIOUS
Ngh	NGH 16	NOTE	LAND	1,363,500	1,336,600		
Infl1	DOCK/SLIP		BUILDING	19,200	19,100		
Infl2	FACTOR 100		DETACHED	1,762,200	5,200		
			OTHER	0	0		
			TOTAL	3,144,900	1,360,900		

DETACHED

TY	QUAL	COND	DIM/NOTE	YB	UNITS	ADJ PRICE	RCNLD
SHF	A	1.00 A-	0.70		40	15.98	400
SHF	A	1.00 A-	0.70		80	15.34	900
SHF	A	1.00 A-	0.70		96	15.34	1,000
SHF	A	1.00 A-	0.70		160	14.47	1,600
SHF	A	1.00 G+	0.95 8 X12	1998	96	15.34	1,400
DCG	SV	1.00 SV	1.00 122**22'	2015	131,198	13.39	1,756,900



BUILDING

BUILDING	CD	ADJ	DESC	MEASURE	5/2/2006	MO
MODEL	5		CIM	LIST	4/14/2005	MO
STYLE	53	0.87	STORAGE GARAGE [100%]	REVIEW	5/10/2006	DS
QUALITY	A	1.00	AVERAGE [100%]			
FRAME	1	0.99	WOOD FRAME [100%]			

BLDG COMMENTS

LOADING

YEAR BLT	1930	SIZE ADJ	1.760	ELEMENT	CD	DESCRIPTION	ADJ	S	BAT	T	DESCRIPTION	UNITS	YB	ADJ PRICE	RCN	TOTAL RCN	27,003
NET AREA	380	DETAIL ADJ	0.689	FOUNDATION	1	PIER	1.00	+	BAS	L	BASE AREA	380	1930	71.06	27,003	CONDITION ELEM	CD
\$NLA(RCN)	\$71	OVERALL	1.000	EXTERIOR WALL	1	WOOD SHINGLES	1.00										
CAPACITY				ROOF STRUCTURE	1	GABLE	1.00										
STORIES	1	ADJ	1.00	ROOF COVER	1	ASPH/COMP SHIN	1.00										
% HEATED	0		1.00	FLOORING	2	SOFTWOOD	0.95										
% A/C	0		1.00	INT FINISH	5	OTHER	1.00										
% SPRINKLERS	0		1.00	H.V.A.C.	13	NONE	0.90										
				FUEL SOURCE	99	N/A	1.00										
EFF.YR/AGE																1995 / 19	
COND																29 29%	
FUNC																0	
ECON																0	
DEPR																29 % GD 71	
RCNLD																\$19,200	

HARWICH SC13 MA
 LOCATION CODE: 390732
 UTILITY POLE NUMBER: 98-3A
 40 HARBOR ROAD, HARWICH, MA 02645



KEY PLAN

NOT TO SCALE

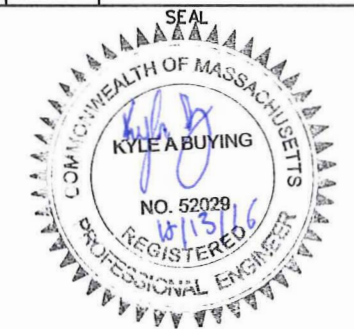
POLE COORDINATES	LATITUDE (WGS84)	LONGITUDE (WGS84)
	41° 40' 00.95" N	70° 03' 49.97" W
GROUND ELEVATION	26' AMSL (WGS84)	

LEASE EXHIBIT
 THIS LEASE IS SCHEMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF A SITE SURVEY AND FACILITY DESIGN.

PREPARED FOR:



REV	DATE	ISSUED FOR
△	1/15/16	FDR CLIENT REVIEW
△	5/19/16	FDR CLIENT REVIEW
△	8/8/16	FDR CLIENT REVIEW

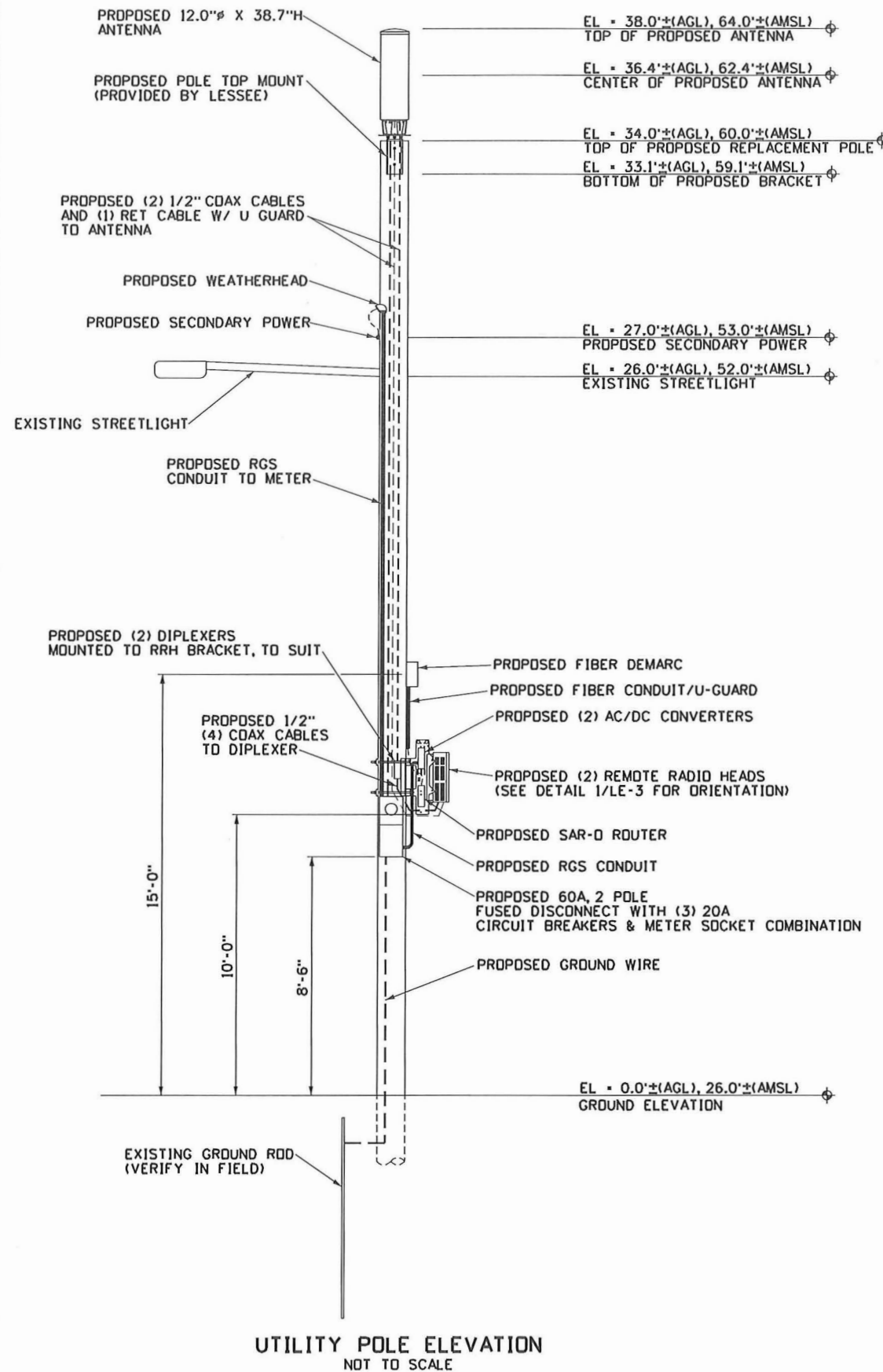


245 Commercial Street Suite 203, Portland, ME 04101
 T: (207) 591-6427
 info@tilsontech.com tilsontech.com

HARWICH SC13 MA
 40 HARBOR ROAD
 HARWICH, MA 02645
 BARNSTABLE COUNTY

KEY PLAN

DRAFTED BY: PZK 8/8/16	LE-1	REVISION: 2
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NOTES:

1. AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS NOT BEEN COMPLETED BY TILSON. DRAWINGS ARE SUBJECT TO CHANGE PENDING OUTCOME OF A STRUCTURAL ANALYSIS.
2. LESSEE SHALL MAKE ARRANGEMENTS WITH THE LOCAL ELECTRICAL UTILITY, TO LOWER THE POSITION OF THE EXISTING OVERHEAD PRIMARY POWER LINES AT SUBJECT UTILITY POLE TO PROVIDE THE REQUIRED CLEARANCE FOR THE INSTALLATION OF THE PROPOSED LESSEE ANTENNA. THE PROPOSED INSTALLATION OF THE ANTENNA AND ALL APPURTENANCES SHALL MEET THE REQUIREMENTS OF NATIONAL GRID AND THE 2012 NATIONAL ELECTRICAL SAFETY CODE.



ELEVATION PHOTO
NOT TO SCALE

LEASE EXHIBIT
THIS LEASE IS SCHEMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF A SITE SURVEY AND FACILITY DESIGN.

PREPARED FOR:

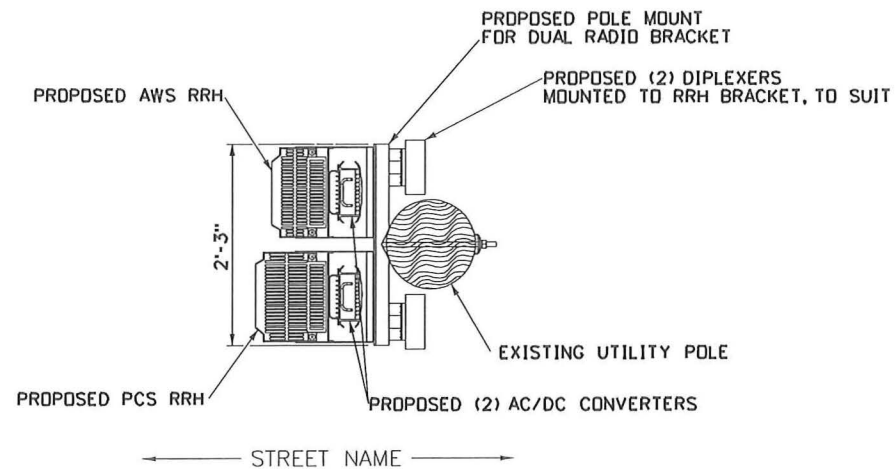
REV	DATE	ISSUED FOR
△	1/15/16	FOR CLIENT REVIEW
△	5/19/16	FOR CLIENT REVIEW
△	8/8/16	FOR CLIENT REVIEW

245 Commercial Street Suite 203, Portland, ME 04101
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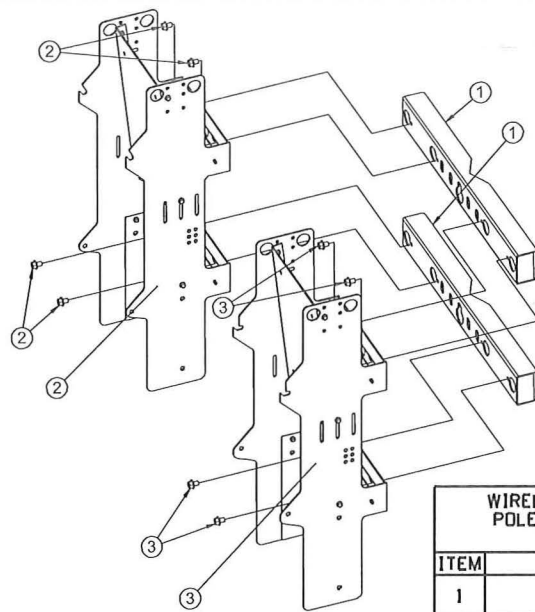
HARWICH SC13 MA
40 HARBOR ROAD
HARWICH, MA 02645
BARNSTABLE COUNTY

POLE
98-3A
ELEVATION

DRAFTED BY: PZK 8/8/16	LE-2	REVISION: 2
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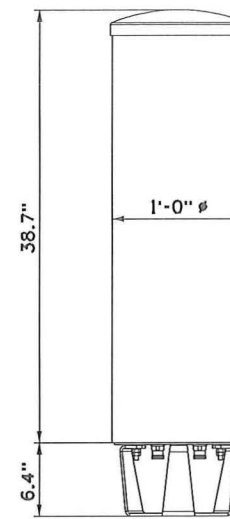
PROPOSED RRH ORIENTATION PLAN
NOT TO SCALE



WIRELESS CONSTRUCTION, INC.
POLE/WALL MOUNT FOR DUAL
RADIO BRACKET

ITEM	DESCRIPTION	QTY.
1	DOUBLE MOUNT	2
2	PCS RRH RACK W/ SUPPLIED HARDWARE	1
3	AWS RRH RACK W/ SUPPLIED HARDWARE	1

PROPOSED RRH MOUNTING BRACKET SPECIFICATIONS
NOT TO SCALE



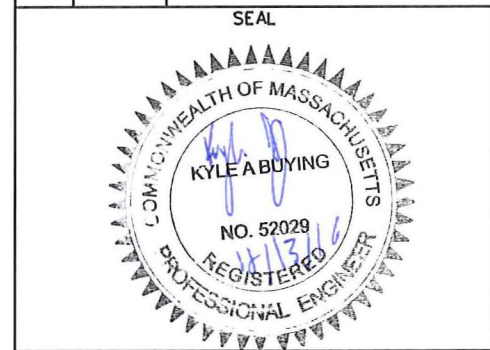
ANTENNA SPECIFICATIONS	
COMMSCOPE NH3600M-DG-2XR	
DIMENSIONS	12"Ø X 38.7"H
WEIGHT	33.7 LBS

PROPOSED ANTENNA SPECIFICATIONS
NOT TO SCALE

LEASE EXHIBIT
THIS LEASE IS SCHEMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF A SITE SURVEY AND FACILITY DESIGN.



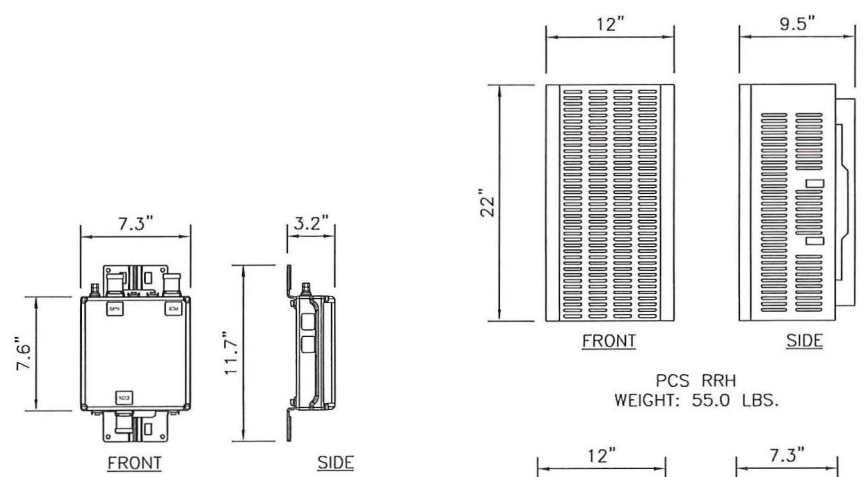
REV	DATE	ISSUED FOR
△	1/15/16	FOR CLIENT REVIEW
△	5/19/16	FOR CLIENT REVIEW
△	8/8/16	FOR CLIENT REVIEW



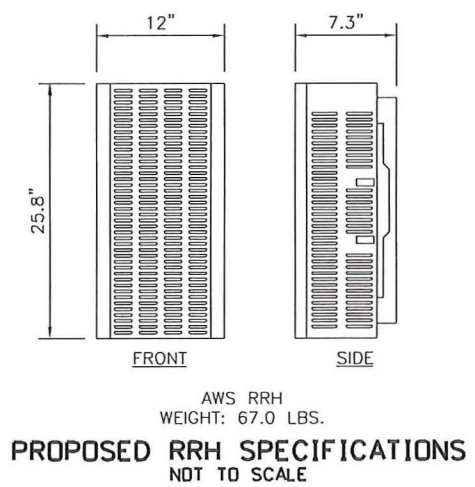
HARWICH SC13 MA
40 HARBOR ROAD
HARWICH, MA 02645
BARNSTABLE COUNTY

EQUIPMENT DETAILS

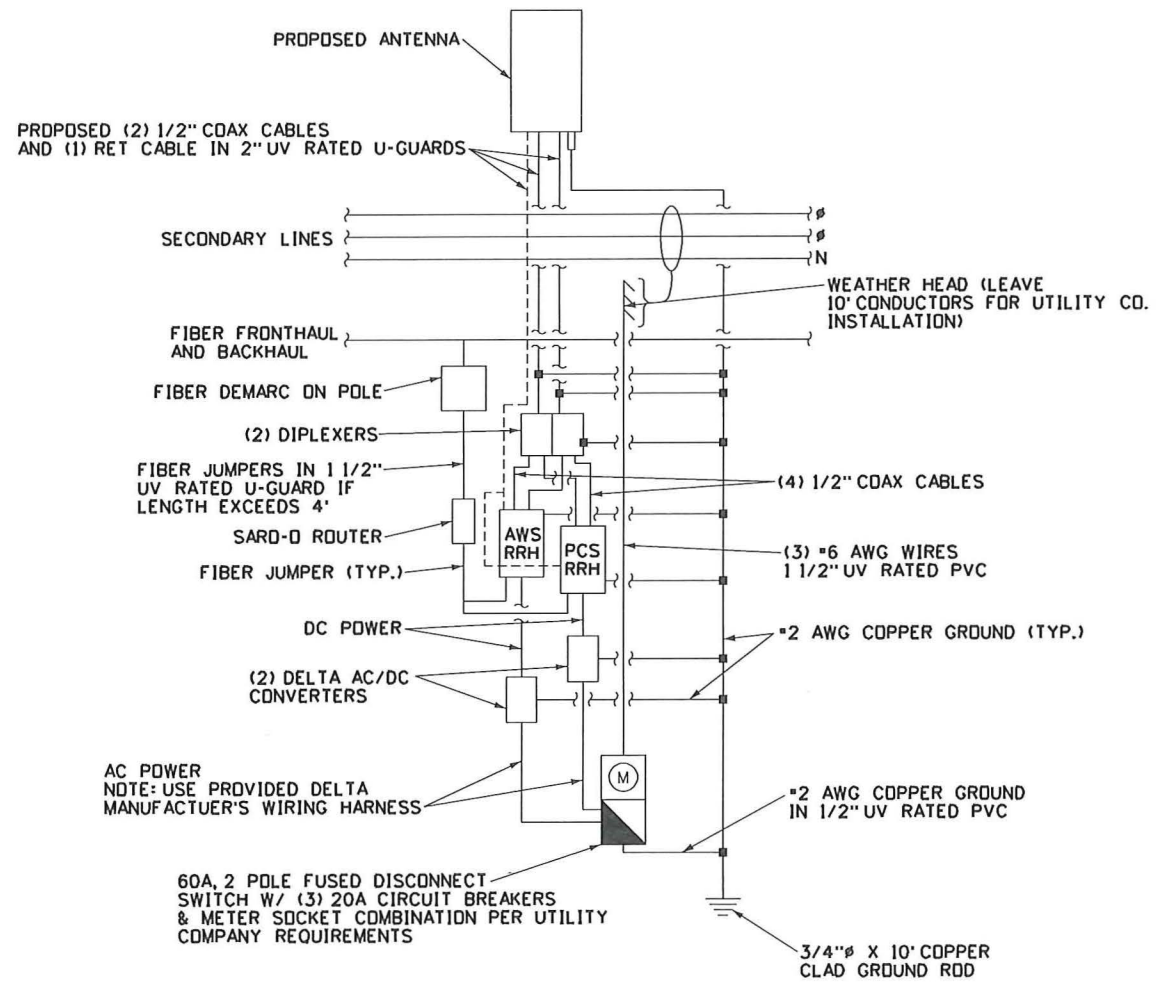
DRAFTED BY: PZK 8/8/16	LE-3	REVISION: 2
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PROPOSED DIPLEXER SPECIFICATIONS
NOT TO SCALE



PROPOSED RRH SPECIFICATIONS
NOT TO SCALE



GENERAL WIRING DIAGRAM
NOT TO SCALE



Meet point must be identified at the public/private property line

Cape Cod Theatre Company
Arts Center
Dance Floor Replacement Project

Current Condition

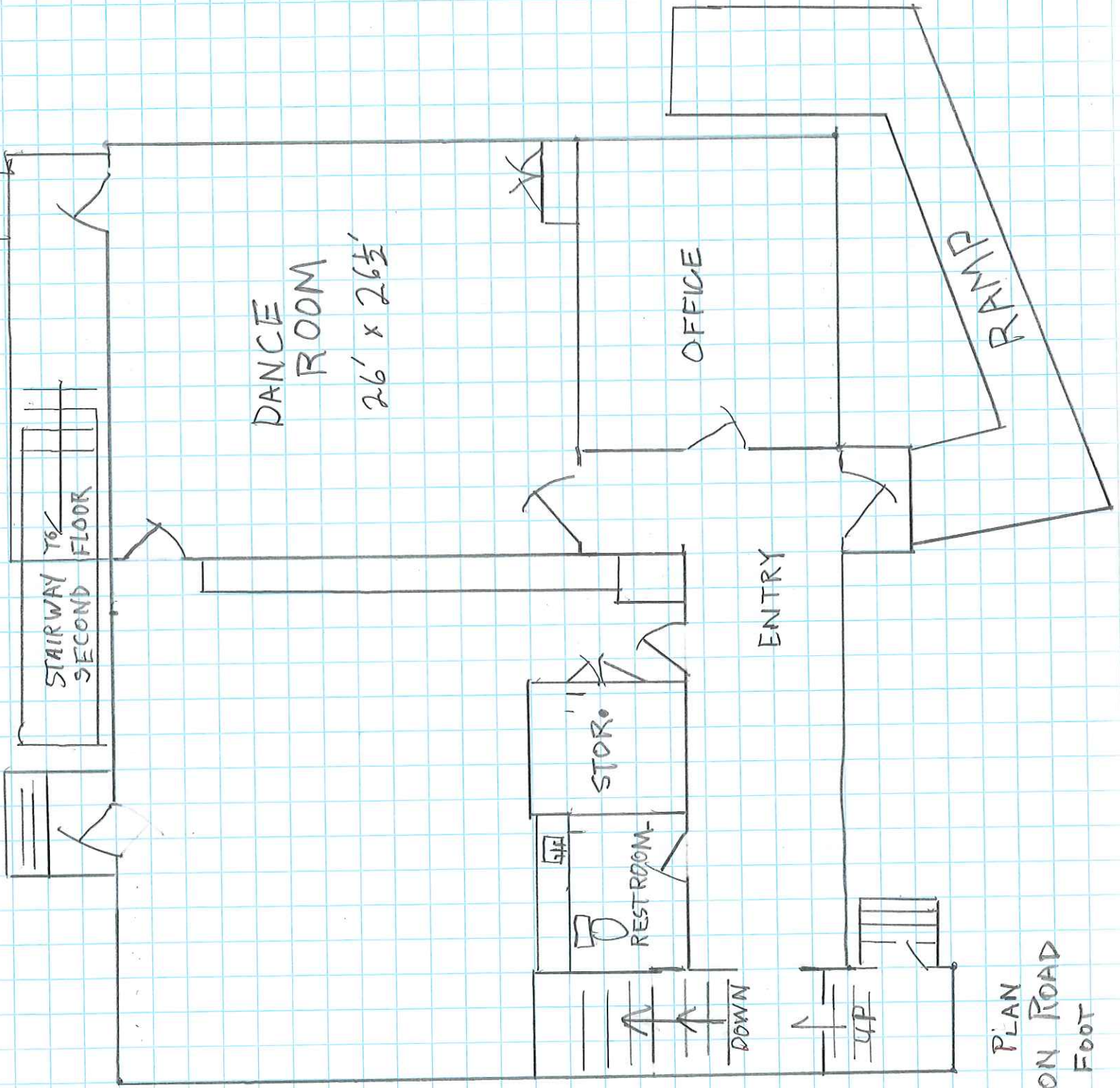
The existing dance floor consisting of 1 x 4 T&G Vertical Grain Clear Fir has received several refinishing over the years and at this point the upper tongue lap has lost strength and is coming loose. The flooring will not survive another sanding and refinishing.

Proposed Project

Remove and replace existing finish floor and underlayment subfloor in the 26' x 26.5' dance room. The underlayment subfloor is being replaced to provide for a stable layer for the finish floor to be affixed too.

Specifications

- Close and seal doorways (from the entry and adjacent large room) with plastic sheeting and tape to control dust from entering the remainder of building.
- Remove all finish floor and sub flooring and dispose.
- Install new 3/4" Advantech plywood subfloor nailed into floor joists.
- Install single layer of rosin paper underlayment.
- Install new 3/4" T&G Maple Strip flooring blind nailing through tongue where possible. Where not possible nail with 8d finish nails through face patching with wood filler.
- Sand Smooth.
- Apply one coat of sealer and two coats of finish buffing with 120, 180 and 220 pads. Pall-x-98 Commercial, Matte



FIRST FLOOR PLAN
 265 SASSON ROAD
 1/8" = 1 FOOT

OFFICE OF THE TOWN ADMINISTRATOR

Phone (508) 430-7513

Fax (508) 432-5039

Joseph F. Powers, *Town Administrator*
Meggan M. Eldredge, *Assistant Town Administrator*

732 MAIN STREET, HARWICH, MA



MEMO

TO: Board of Selectmen

FROM: Joseph F. Powers, *Town Administrator*

CC: Carol F. Coppola, CPA, CFE - Finance Director
Meggan M. Eldredge, Assistant Town Administrator

RE: Update on FY 2022 Monomoy Regional School District Budget

DATE: March 15, 2021

Dr. Carpenter informed me on Friday, March 12th of the vote by the Monomoy Regional School Committee on their FY 2022 Budget.

The School Committee voted to adopt a budget that calculates what they expect the Commissioner of Education to set as the minimum amount for a 1/12th budget for the District for the ensuing Fiscal Year.

Additionally, Dr. Carpenter has provided responses to questions that were raised by the Board at your meeting on March 8th. They are copied below:

1) **Regarding the funding of the Elementary ELA curriculum** -- The district has had as a strategic priority purchasing a new elementary ELA curriculum. This was in the initial drafts of the FY21 Budget, to the tune of about \$475K. We removed the elementary ELA curriculum from the final iterations of our budget last year largely because of issues implementing a new ELA curriculum in the midst of a pandemic. Generally, any new curricular initiative requires professional development time for our teachers to work with each other and consultants to successfully implement the new curriculum. This necessary professional development was not going to happen during the peak of the pandemic. As we look forward in the upcoming months to our schools and country returning to a post-vaccination normal, moving forward on this strategic priority is important. The school district has been thoughtfully managing costs throughout this time of COVID and with savings that we had realized in FY21 were positioned to fund the new elementary ELA curriculum within the current FY21 Budget. This was brought to a School Committee meeting for discussion and vote, and the Committee directed me to move forward with the purchase and planning for the needed professional development. The funding for this strategic initiative came from:

- Reduction in budgeted school choice tuitions (\$100,000).
- Reduction in athletic program costs due to restricted seasons (\$50,000)
- Retirement savings incentive (\$50,000)
- Other staffing savings i.e. reductions and unfilled positions, hiring savings (\$275,000)

2) **Regarding the K9 program** -- The school district is grateful to the personal initiative School Resource Officer Tom Clarke has taken to bring a trained K9 to our schools. The dog has been trained to sniff out marijuana and vape/nicotine products -- this are "legal" for adults in Massachusetts, but also gateway substances that can lead to more challenging health and safety issues and dependencies. K9s are generally not trained to intervene with what is "legal", and this Harwich PD K9 has been trained with a unique deterrent skill set. The cost of this K9 program on both the school and police budgets is ZERO! Public donations (of around \$16K) have fully funded the program. The K9's training and vet care have been donated.

3) **Regarding the School Resource Officer** -- It is a misconception that school resource officers aren't in schools during this pandemic. Monomoy Schools are one of the few in the state and nation that have been open for in-person learning since the beginning of the school year in September. Officer Clarke (in Harwich) and his counterpart (Sergeant Massey at Monomoy Regional Middle School and Chatham Elementary) have been working with our schools, students, families, and the greater community throughout this year.

As of this writing, neither the Finance Director nor I have received a specific information on the budget. Once we do receive, we will evaluate it and prepare commentary for your information at your meeting.

Thank you.

**Monomoy Regional School District
Budget and Assessment Summary**

		FY22 Budget (3/11 Vote)		
	Total Budget \$			41,561,134
<u>Revenue</u>				
Chapter 70				(\$3,850,274)
Excess And Deficiency				(\$800,000)
Charter School				(\$100,028)
Medicaid				(\$100,000)
Interest				(\$80,000)
Misc Revenues				(\$13,562)
		TOTAL		(\$4,943,864)
<u>Non Operating Expenditures</u>				
Transportation				(\$1,510,308)
Capital/Stabilization				(\$363,813)
Debt				(\$1,934,625)
		TOTAL		(\$3,808,746)
<u>Total Operating Assessment</u>				\$32,808,524
		Harwich	Chatham	Total
Required Minimum Contribution - Set by DESE	\$13,246,021	\$3,856,063		\$17,102,084
		75.11%	24.89%	
Additional Funds Needed to Support District Budget	\$11,797,107	\$3,909,333		\$15,706,440
Operating Assessment Per Member	\$25,043,128	\$7,765,396		\$32,808,524
<u>Transportation Assessment</u>				
		75.96%	24.04%	
Total Transportation Aid				\$731,525.00
Transportation Assessment Per Member	\$591,564	\$187,219		\$778,783
<u>Debt Assessment</u>				
		75.11%	24.89%	
MRHS Bond (principal and interest)	\$1,453,097	\$481,528		\$1,934,625
Final Financing	\$0	\$0		\$0
Debt Assessment Per Member	\$1,453,097	\$481,528		\$1,934,625
<u>Capital Assessment</u>				
		75.11%	24.89%	
Capital/Stabilization Assessment Per Member	\$273,260	\$90,553		\$363,813
<u>Summary</u>				
		Harwich	Chatham	Total
Operating Budget	\$25,043,128	\$7,765,396		\$32,808,524
Transportation	\$591,564	\$187,219		\$778,783
Capital	<u>\$273,260</u>	<u>\$90,553</u>		<u>\$363,813</u>
Debt	\$25,907,952	\$8,043,168		\$33,951,120
	Total before Debt:	<u>\$1,453,097</u>	<u>\$481,528</u>	<u>\$1,934,625</u>
<u>Add back in Elementary School Costs</u>				
	Amendment	\$0	\$0	\$0
TOTAL FY22 Assessment		\$27,361,048.43	\$8,524,696.57	\$35,885,745
TOTAL FY21 Assessment		\$26,820,046	\$8,899,195	\$35,719,241
		Harwich	Chatham	Total
Change in Assessment	\$541,002	(\$374,498)		\$166,504
% Change	2.02%	-4.21%		

MRSD - FY22 Budget By Cost Center
School Committee Vote - 3/12/21

Cost Center	Name	FY22 Budget - SC Approved 3/12/21	
1000	District Leadership & Administration	\$	1,190,874
2000	Instruction	\$	20,666,079
4000	Operations & Maintenance	\$	3,314,529
3000	Other School Services	\$	2,964,292
9000	Programs With Other School Districts and Transfers Out	\$	3,480,128
5000	Fixed Charges	\$	7,646,794
7000	Capital	\$	363,813
8000	Debt Retirement & Service	\$	1,934,625
	Grand Total	\$	41,561,134

OFFICE OF THE TOWN ADMINISTRATOR

Phone (508) 430-7513

Fax (508) 432-5039



Joseph F. Powers, *Town Administrator*

Meggan M. Eldredge, *Assistant Town Administrator*

732 MAIN STREET, HARWICH, MA 02645

MEMO

TO: Board of Selectmen

FROM: Joseph F. Powers, *Town Administrator*

CC: Carol F. Coppola, CPA, CFE - Finance Director
Meggan M. Eldredge, Assistant Town Administrator

RE: New Business, Item C: Draft Warrant for 2021 Annual Town Meeting

DATE: Monday, March 15, 2021

Presented to you for your consideration are the following draft articles that have been reviewed by Town Counsel;

- Amend the Town Seal
- Wastewater Special Purpose Stabilization Fund
- Rescind past articles and authorize the sale of 5 Bells Neck Road
- Promote the Town of Harwich
- Defray costs for other Libraries
- Supplemental Allocation for Local Cultural Council
- Herring Fisheries

Amend the Town Seal

To see if the Town will vote to request the Harwich Historical Society lead a project to potentially update the Town of Harwich Seal to depict a more accurate representation of the Wampanoag dwelling with the replacement of the tepee with a wetu (wigwam). Updates, including financial implications, will be provided to the Board of Selectmen to take appropriate action and to act fully thereon. By request of the Board of Selectmen.

Explanation: The Harwich town seal was designed in 1896 by renowned artist Charles D. Cahoon. The bottom half of the seal shows Pine Grove Seminary, today's Brooks Academy Museum, surrounded by trees. The top half depicts a Native American standing next to a Great Plains style teepee.

According to the Wampanoag Tribe the depiction is not accurate. The tribes in this area lived in wetus, sometimes referred to as wigwams. Wetu in the Algonquin language means "round house" and describes a dome-shaped structure. The wetu was more of a long-term dwelling used for six or seven years. In the summer it would be covered with a cattail mat, and in winter it would be re-covered with bark. A tepee is conical in shape. Native Americans tribes west of the Mississippi River, who had more nomadic lifestyles, lived in teepees because they were easier to pack up and take with them.

With current attention focused on historical accuracy related to our Native American culture, now would be an appropriate time to research the wigwam, to do the seal justice and update it and make it more reflective of history.

This article is to establish a mechanism for further discussion with input from residents, town officials (including the Town Clerk as the seal is under her jurisdiction), tribal officials and the Historical Commission to consider the possible updating of the town seal.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Create a Wastewater Special Purpose Stabilization Fund

To see if the Town will vote to accept M. G. L. Chapter 40, Section 5B, Paragraph 4, thereby creating a Wastewater Special Purpose Stabilization Fund, with monies in said Fund to be used, subject to appropriation, to implement the Town's Comprehensive Wastewater Management Plan, including the development of wastewater infrastructure; provided that fifty (50) percent of the rooms excise tax collected by the Town in accordance with M.G.L., Chapter 64G, §3A, be dedicated to the Wastewater Special Purpose Stabilization Fund, without further appropriation; or to act fully thereon. By request of the Board of Selectmen.

Explanation: This article establishes a Wastewater Special Purpose Stabilization Fund. Half of the revenue derived from the town's rooms excise tax collected will be deposited into this fund. As with any stabilization fund, a two-thirds vote of Town Meeting is required to transfer the funds.

Two-Thirds Vote Required.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Authorize the sale of 5 Bells Neck Road

To see if the Town will vote to rescind Article 60 of the 2006 Annual Town Meeting and Article 12 of the Special Town Meeting of May 2008 and further to authorize the Board of Selectmen to sell 5 Bells Neck Road used for general municipal use as surplus property, or to act fully thereon. By request of the Board of Selectmen.

Explanation: Previous efforts to lease this property were not successful. This article would allow the Board of Selectmen to seek Requests for Proposals (RFP) for the outright sale of this property in light of recent interest from several local groups to acquire the property.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Promote the Town Of Harwich

To see if the Town will vote to raise and appropriate and/or transfer from available funds a sufficient sum of money for the Harwich Chamber of Commerce to promote the Town and its businesses and cultural endeavors to advance economic development initiatives for and with the Town of Harwich. Said monies to be used to manage and fulfill year-round visitor/resident/business information services, to promote and market the Town, to generate and initiate materials and activities that encourage the establishment, growth and sustainability of businesses in Harwich, and to implement economic development objectives and activities in partnership with the Town, and to act fully thereon. By request of the Board of Selectmen. Estimated cost: \$30,000

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Defray the Expenses of The Chase Library And Harwich Port Library

To see if the Town will vote to raise and appropriate and/or transfer from available funds the sum of \$20,000 to help defray the expenses of the Chase Library and the Harwich Port Library; said funds to be expended under the direction of the Chase Library and Harwich Port Library Trustees, and to act fully thereon. By request of the Board of Selectmen Estimated cost: \$20,000

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Supplement Annual Allocation of Mass Cultural Council For
Local Cultural Council Grants

To see if the Town will vote to raise and appropriate, transfer from available funds and/or borrow a sufficient sum of money to supplement the Massachusetts Cultural Council annual allocation for community grant awards to artists, performers, and interpretive scientists who bring events and programs to local venues which enhance the cultural experience of Harwich citizens of all ages, and to act fully thereon. By request of the Board of Selectmen and the Harwich Cultural Council. Estimated Cost: \$3,600.

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Herring Fisheries

To see what action the Town will take in regard to the Herring Fisheries and to act fully thereon.
Customary Article.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

DRAFT

ART #	SPONSOR	PURPOSE	AMOUNT	SOURCE	BOS	FinCOM	Notes
1	Boilerplate	Choose Officers & Committees	-	N/A			
2	Boilerplate	Reports of Officers & Committees	-	N/A			
3	Boilerplate	Elected Officials Salaries					
4	Board of Selectmen	Town Operating Budget		Various			
5	MRSC	MRSD Budget					
6	CCRVTHSC	CCRTHSD Budget					
7	Water & Wastewater Commission	Water Department Budget					
8	Water & Wastewater Commission	Wastewater Department Budget					
9	Board of Selectmen	PEG Fund Request					
10	Board of Selectmen	Lease Purchase Agreements					
11	Board of Selectmen	Adopt the Capital Plan					
12	Board of Selectmen	Capital Items under \$50K Free Cash	\$18,000	Free Cash			
13	Board of Selectmen	COP: Harwich Center Sidewalks	\$50,000	Free Cash			CAPITAL OUTLAY PLAN EXPENDITURES
14	Board of Selectmen	COP: Rte 28/Harbor Sidewalks	\$200,000	Free Cash			
15	Board of Selectmen	COP: Engineering/MS4	\$200,000	Free Cash			
16	Board of Selectmen	COP: Brooks Library Roof	\$148,500	Free Cash			
17	Board of Selectmen	COP: 5 Bells Neck Roof	\$50,000	Free Cash			
18	Board of Selectmen	COP: Public Safety Radios	\$223,204	Free Cash			
19	Board of Selectmen	COP: Pumper/Ladder Truck	\$1,138,000	DE			
20	Board of Selectmen	COP: DPW Roads Maintenance Plan	\$700,000	DE			
21	Board of Selectmen	COP: DPW Vehicles	\$460,000	Free Cash			
22	Community Preservation Committee	Appropriate sums of money from the FY 2022 Estimated Annual Revenues of the Community Preservation Act Funds					
23	Community Preservation Committee	Fund Land Bank Debt Services	\$233,050				
24	Community Preservation Committee	Community Preservation Activities Under \$50,000	\$127,066				

ART #	SPONSOR	PURPOSE	AMOUNT	SOURCE	BOS	FinCOM	Notes
25	Community Preservation Committee	East Harwich Methodist Cemetery Preservation Project	\$112,200	CPC			COMMUNITY PRESERVATION ARTICLES
26	Community Preservation Committee	Brooks Academy Structural Improvements Project	\$1,150,000	CPC			
27	Community Preservation Committee	Funding for the Part-time Housing Coordinator	\$50,000	CPC			
28	Community Preservation Committee	Hinckleys Pond Watershed Preservation Project	\$360,000	CPC			
29	Community Preservation Committee	Harwich Natural Heritage Trail Project	\$150,000	CPC			
30	Community Preservation Committee	Brooks Park Lighting Project	\$125,000	CPC			
31	Community Preservation Committee	Sand Pond Revitalization Project	\$83,500	CPC			
32	Board of Selectmen	Change BOS to Select Board					Amend Charter
33	Board of Selectmen	Amend Ch. 9 Capital (5 yr plan)					Amend Charter
34	Planning Board/Board of Selectmen	Amend §325-42.L Parking					Amend Zoning
35	Planning Board/Board of Selectmen	West Harwich Special District Design Guidelines					Amend Zoning
36	Conservation Commission	Amend GBL Ch. 304 Water Dependent Structures					Amend General Bylaw
37	Conservation Commission	Amend GBL Ch. 310 Wetlands Protection Bylaw					Amend General Bylaw
38	Historic District/Historical Comm	Amend GBL, Ch. 131, Historic Preservation					Amend General Bylaw

ART #	SPONSOR	PURPOSE	AMOUNT	SOURCE	BOS	FinCOM	Notes
39	Board of Selectmen	Amend the Town Seal					
40	Board of Selectmen	Wastewater Special Purpose Stabilization Fund					Requires 2/3 vote
41	Board of Selectmen	Approve DHY Partnership Agreement					
42	Board of Selectmen	Rescind past articles and authorize sale of 5 Bells Neck Road					
43	Board of Selectmen	Amend GBL, Ch. 8 Departmental Revolving Funds					Amend General Bylaw
44	Board of Selectmen	Annual Departmental Revolving Fund Authorization					Revolving Fund
45	Board of Selectmen	Stabilization Fund					
46	Board of Selectmen	OPEB Trust Fund					
47	Board of Selectmen	Prior Year's Unpaid Bills					
48	Town Administrator	Promote the Town of Harwich	\$30,000	Free Cash			Customary Articles
49	Town Administrator	Defray costs for Other Libraries	\$20,000	Free Cash			
50	Town Administrator	Supplemental Allocation for Local Cultural Council	\$36,000	Free Cash			
51	Town Administrator	Herring Fisheries					

**COMMONWEALTH OF MASSACHUSETTS
TOWN OF HARWICH
ANNUAL TOWN MEETING
May 8, 2021**

BARNSTABLE, ss:

To either of the Constables of the Town of Harwich in said county,

Greetings:

In the name of the Commonwealth of Massachusetts you are hereby directed to notify and warn the inhabitants of said Town qualified to vote in elections and Town affairs to meet at the Monomoy Regional High School Stadium Field, 75 Oak Street in said Town on Saturday, May 8, 2021 at 10:00 A.M., then and there to act on the following articles:

ARTICLES

TOWN OFFICERS AND COMMITTEES

ARTICLE 1: To choose various Town Officers and Committees.

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS CUSTOMARY ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

REPORTS OF TOWN OFFICERS AND COMMITTEES

ARTICLE 2: To hear reports of all Town Officers and Committees for the year 2020.

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS CUSTOMARY ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

ELECTED OFFICIALS SALARIES

ARTICLE 3: To see if the Town will vote the salaries of the Elected Officials of the Town for fiscal year commencing July 1, 2021 and ending June 30, 2022 as follows and to act fully thereon.

Estimated cost: \$###, ###

Selectmen (5)	\$2,400 each
Moderator	\$1,000
Water & Wastewater Commissioners (5)	\$1,000 each
Library Trustees (7)	\$1,000 each
Town Clerk	\$###,###

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

BUDGETS

TOWN OPERATING BUDGET

ARTICLE 4: To see if the Town will vote to raise and appropriate, transfer from available funds or borrow such sums of money as may be required to defray Town charges for Fiscal Year 2022, and to act fully thereon. By request of the Board of Selectmen. (BUDGET – APPENDIX A).

Estimated Cost: \$##, ###, ###.

OPERATING BUDGET	
Betterments	###,###
Cable Fund	###,###
Community Preservation Act (CPA)	###,###
FEMA	###,###
Free Cash	###,###
Golf Improvement	###,###
Overlay Surplus	###,###
State Aid	###,###
Water Enterprise	###,###
Wastewater Enterprise	###,###
Waterways & Moorings	###,###
Town Clerk State Aid	###,###
County Dog Fund	###,###
Stabilization	###,###
SUBTOTAL	###,###
Local Receipts	###,###
Taxes	###,###
OPERATING BUDGET	##, ###, ###

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

MONOMOY REGIONAL SCHOOL DISTRICT BUDGET

ARTICLE 5: To see if the Town will vote to raise and appropriate, transfer from available funds or borrow such sums of money as may be required to pay for the Monomoy Regional School District Assessment for Fiscal Year 2022, and to act fully thereon. By request of the Monomoy Regional School Committee. Estimated cost: \$##, ###, ###.

MONOMOY REGIONAL SCHOOL DISTRICT BUDGET	
Operating Budget	###,###
Transportation	###,###
Capital	###,###
Debt	###,###
TOTAL	###,###

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

CAPE COD REGIONAL TECHNICAL SCHOOL DISTRICT BUDGET

ARTICLE 6: To see if the Town will vote to raise and appropriate, transfer from available funds or borrow a sufficient sum of money as may be required to pay for the Cape Cod Regional Technical High School District Assessment for Fiscal Year 2021, and to act fully thereon. By request of the Cape Cod Regional Technical High School District. Estimated cost: \$#, ###, ###.

CAPE COD REGIONAL TECHNICAL SCHOOL DISTRICT BUDGET	
Operating Budget	###,###
Debt	###,###
TOTAL	###,###

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

WATER DEPARTMENT BUDGET

ARTICLE 7: To see if the Town will vote to raise and appropriate, transfer from available funds or borrow such sums of money as may be required to defray the Water Department Operating Budget for Fiscal Year 2022, and to act fully thereon. By request of the Water and Wastewater Commission. Estimated cost: \$#, ###, ###.

Water Operating Budget	
Salaries	###,###
Expenses	###,###
Debt	###,###
Indirect Costs	###,###
OPEB	###,###
TOTAL	###,###

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

WASTEWATER DEPARTMENT BUDGET

ARTICLE 8: To see if the Town will vote to raise and appropriate, transfer from available funds or borrow such sums of money as may be required to defray the Wastewater Department Operating Budget for Fiscal Year 2022, and to act fully thereon. By request of the Water and Wastewater Commission. Estimated cost: \$###, ###.

Wastewater Operating Budget	
Salaries	###,###
Expenses	###,###
TOTAL	###,###

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

ADMINISTRATION

Cable Related Fund for Public Access

ARTICLE 9: To see if the Town will vote to appropriate annually 1.5% of the 4.5% Cable Franchise related payments from Comcast made to the Town of Harwich by which an agreement with the Cape Cod Community Media Center for the sole operation of the Public Access station for the Harwich citizens, and to act fully thereon. By request of the Board of Selectmen.

Explanation: The Town currently receives 4.5% of all revenue generated by Comcast from the company's Harwich customers. The Town of Harwich has an agreement with the Cape Cod Community Media Center to receive 1.5% of the 4.5% payments made to the town to conduct the Public access portion of the PEG stations serving Harwich. Comcast has previously issued these payments directly to the Cape Cod Community Media Center and this article would have the Town receive the full 4.5% and then issue 1.5% payment to the Cape Cod Community Media Center.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Lease Purchase Agreements

ARTICLE 10: To see if the Town will vote to enter into various lease purchase financing agreements for town equipment included in the operating budget for FY 2022, said leases may be for a term not to exceed the useful life of the equipment as determined by the Board of Selectmen; or to act fully thereon. By request of the Board of Selectmen.

Explanation:

The Municipal Modernization Act of 2016 contains a section requiring a recommendation by the Town Administrator and a two-thirds vote of the legislative body to authorize a tax-exempt lease purchase agreement. To qualify under this new section a qualifying lease must be in excess of three years, must not exceed the useful life of the equipment, must establish a nominal residual value of the equipment at the end of the lease, and must be approved by a two-thirds vote of Town Meeting.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

CAPITAL PLAN

ADOPT THE CAPITAL PLAN

ARTICLE 11: To see if the Town will vote to adopt the Capital Plan for the ensuing five year period to adopted by this Town Meeting as proposed by the Board of Selectmen and set forth below or as amended by vote of the Town Meeting, and to act fully thereon. By request of the Board of Selectmen.

CAPITAL PLAN (APPENDIX B)

Explanation: Sections 5 and 6 of Chapter 9 of the Harwich Charter were amended by the voters at the 2020 Annual Town Election. Article ## of this Town Meeting will codify the intent of Article ## from the 2019 Annual Town Meeting to establish a Five (5) Year Capital Plan. At the direction of the Town Administrator, the Capital Outlay Committee established a Five (5) Year Plan covering Fiscal Years 2022 through 2026 for adoption at this Town Meeting.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

CAPITAL ITEMS FUNDED FROM FREE CASH – ITEMS UNDER \$50,000

ARTICLE 12: To see if the Town will vote to raise and appropriate, transfer from available funds or borrow a sufficient sum of money to fund the items in the table below included in the FY 2022 Capital Plan, and to act fully thereon. By request of the Board of Selectmen.

Estimated cost: \$18,000.00

Department	Description	Amount
Police	Digital Fingerprint Machine (regular replacement)	\$18,000.00

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Funds for support of ADA-compliant sidewalks through Harwich Center

ARTICLE 13: To see if the Town will vote to raise and appropriate, transfer from available funds, or borrow a sufficient sum of money for the engineering and surveying services necessary for the preparation of plans and bid processes for proposed sidewalks from the Community Center to the Cultural Center; and to act fully thereon. By request of the Board of Selectmen and the Capital Outlay Committee. Estimated cost: \$50,000.00

Explanation: This article resumes efforts to develop ADA-compliant sidewalks from Center (Community Center) to Center (Cultural Center) via Harwich Center. The town will pursue a Community Development Block Grant (CDBG) in FY 2022 when the grant program resumes. The funds from this article will support the necessary site plan design and preparations as well as initial bid process costs in anticipation of receiving a CDBG grant. This article builds upon the grant of \$142,021 received on March 3, 2021 from MA DOT Shared Streets Emergency Grant Program.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

[ARTICLE DESCRIPTOR]

ARTICLE 14: To see if the Town will vote to raise and appropriate, transfer from available funds, or borrow a sufficient sum of money to restore funds for the Walkway Design & Construction Project from Saquatucket Harbor to Harwichport; and to act fully thereon. By request of the Board of Selectmen and the Capital Outlay Committee. Estimated cost: \$200,000.00

Explanation: This articles restores most of the \$250,000.00 that was voted at the 2018 Annual Town Meeting and returned to the Town to offset a budget deficit exacerbated by COVID-19. The town recently received approval from MA DOT to proceed with this project. This article supplements a gift to the town in support of this much-needed and oft-delayed project.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Funds for the MS4 Mandated Stormwater Permitting and Management Program

ARTICLE 15: To see if the Town will vote to raise and appropriate, transfer from available funds, or borrow a sufficient sum of money to support the town's local stormwater permitting and program management; and to act fully thereon. By request of the Board of Selectmen and Capital Outlay Committee. Estimated cost: \$200,000.00.

Explanation: The articles funds the costs necessary for the ongoing stormwater permitting and management program as required by the MassDEP MS4 program.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

[ARTICLE DESCRIPTOR]

ARTICLE 16: To see if the Town will vote to raise and appropriate, transfer from available funds, or borrow a sufficient sum of money to repair and/or replace the Brooks Free Library roof; and to act fully thereon. By request of the Board of Selectmen. Estimated cost: \$148,500.00.

Explanation: The Brooks Free Library's roof was last updated in 1997 with 20-year shingles. This project was originally submitted for the FY 2020 Capital Plan and was deferred in FY 2021. The estimated costs at that time were \$135,000.00. This request assumes a 10% increase in costs of materials and prevailing wage rates on installation.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Funds for roof repairs at 5 Bells Neck Road

ARTICLE 17: To see if the Town will vote to raise and appropriate, transfer from available funds, or borrow a sufficient sum of money to make necessary repairs to the roof of the building at 5 Bells Neck Road; and to act fully thereon. By request of the Board of Selectmen and the Capital Outlay Committee. Estimated cost: \$50,000.00.

Explanation: This article was deferred in FY 2021 due to the impact of COVID-19 on the overall budget process. The town is currently developing a "Request for Proposal (RFP)" for the sale pending the adoption of Article 42 at this Town Meeting rescinded previous votes to lease and authorizing the Board of Selectmen to sell 5 Bells Neck Road used for general municipal use as surplus property.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

[ARTICLE DESCRIPTOR]

ARTICLE 18: To see if the Town will vote to raise and appropriate, transfer from available funds, or borrow a sufficient sum of money to purchase radios for the Fire Department and Police Department; and to act fully thereon. By request of the Board of Selectmen and the Capital Outlay Committee. Estimated cost: \$223,204.00.

Explanation: The radios used by both public safety departments need to be upgraded in conformity with state standards. The anticipated cost for the Police Department radios is \$74,165.00 and for the Fire Department is \$149,039.00 for a total radio replacement cost of \$223,204.00. The Fire Department has applied for a grant FY 2022 from the Commonwealth of MA to offset costs related to this mandated upgrade.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

ARTICLE 19: To see if the Town will vote to raise and appropriate, transfer from available funds, or borrow a sufficient sum of money to fund the purchase of combination pumper/ladder fire truck known as a Quint, and all costs incidental and related thereto. The appropriation authorized by this vote shall not take effect until the Town votes to exempt from the limitation on total taxes imposed by M.G.L. c.59 § 21c (Proposition 2 ½) the amounts required to pay the principal of and the interest on any borrowing authorized under this article. And further, in accordance with Chapter 44, Section 20 of the General Laws, the premium received by the Town upon the sale of any bonds or notes thereunder, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to pay project costs and the amount authorized to be borrowed for each such project shall be reduced by the amount of any such premium so applied, and to act fully thereon. By request of the Board of Selectmen and Capital Outlay Committee. Estimated cost: \$1,138,000.00.

Explanation: The fire department, in an effort to relieve some financial pressure on the capital budget in FY 2020 and 2021, offered the following modification of the Capital plan:

Remove the Engine replacement in FY20, accelerate the Ladder replacement in FY24 and purchase a Quint, a vehicle that performs the functions of a ladder and an Engine in FY21. By the time the FY21 budget was being prepared, the estimated cost of the quint had risen to 1.1 million. The manufacturer has indicated that another price increase will happen this month, and the new estimate is \$1,138,500.00. We are working with the representative and reviewing the specifications in the hopes of reducing that number. The passage of a debt exclusion ballot question at the Annual Town Election on Tuesday, May 18, 2021 is also necessary for purchase of this item.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Fund the FY 2022 Road Maintenance Program

ARTICLE 20: To see if the Town will vote to raise and appropriate, transfer from available funds, or borrow a sufficient sum of money to fund the Road Maintenance Program, and all costs incidental and related thereto. The appropriation authorized by this vote shall not take effect until the Town votes to exempt from the limitation on total taxes imposed by M.G.L. c.59 § 21c (Proposition 2 ½) the amounts required to pay the principal of and the interest on any borrowing authorized under this article. And further, in accordance with Chapter 44, Section 20 of the General Laws, the premium received by the Town upon the sale of any bonds or notes thereunder, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to pay project costs and the amount authorized to be borrowed for each such project shall be reduced by the amount of any such premium so applied, and to act fully thereon. By request of the Board of Selectmen and the Capital Outlay Committee. Estimated cost: \$700,000.00.

Explanation: The capital request for road maintenance for FY 2022 is \$700,000.00. The town anticipates receiving a similar amount from Chapter 90 funds from the Commonwealth. The town's Chapter 90 apportionment for FY 2021 is \$676,736.00. There is a debt exclusion ballot question regarding this article on the Annual Town Election ballot to be voted on May 18, 2021.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Purchase and Equip Vehicles for the Department of Public Works

ARTICLE 21: To see if the Town will vote to raise and appropriate, transfer from available funds, or borrow a sufficient sum of money to purchase and equip the vehicles listed in the table below and further to authorize the Board of Selectmen to dispose of the vehicles listed in the table below if determined to be surplus property; and to act fully thereon. By request of the Board of Selectmen. Estimated cost: \$460,000.00.

Purchase and Equip Vehicles	
VEHICLE TYPE	ANTICIPATED COST
Front-End Loader	\$200,000.00
6 Wheel Dump Truck or equivalent	\$175,000.00
Ford F-150 Pickup Truck or equivalent	\$50,000.00
Ford E-250 Van or equivalent	\$35,000.00
TOTAL COST	\$460,000.00

Vehicles to be disposed of if determined to be surplus
1991 Elgin Premier
1996 L-70C Front End Loader
2005 Ford F-150
2006 Ford E-250 Van

Explanation: The 1999 Sterling Dump Truck is becoming extremely difficult to find parts for due to its age and the parts we do get are extremely expensive. The front end loader has over 30,000 hours of use or the equivalent of 1,200,000 miles on it. It has been a solid piece of equipment and served the Town well, but it is time to replace it. This is a front line piece of equipment that is used 362 days per year at the Disposal Area and helps generate the \$3.3M in revenue. The average yearly maintenance cost has been \$21,748, indicating that it is time to remove this loader from front line work. The 2005 F-150 is at the end of its useful life and has 191,102 miles on it. The frame on this 16 year old vehicle is rotted through and may not pass State safety inspections any longer. The 2006 Ford E-250 Building Maintenance van floors and body panels are rusted through. It is questionable whether it will pass a safety inspection this year.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Appropriate Sums of Money from the FY 2022 Estimated Annual Revenues of the Community Preservation Act Fund

ARTICLE 22: To see if the Town will vote to appropriate the following sums of money from the FY 2022 estimated annual revenues of the Harwich Community Preservation Act Fund as required by the G.L. Chapter 44B and Chapter 149, §298 of the Acts of 2004 as follows:

- A sum of money for the acquisition, creation and preservation of the open space;
- A sum of money for the acquisition, preservation, restoration and rehabilitation of historic resources;
- A sum of money for the acquisition, creation, preservation and support of community housing; and
- A sum of money for the Community Preservation Act Fund FY2022 Undesignated Fund Balance (including Recreation)

and to act fully thereon. By request of the Board of Selectmen.

Appropriation

Community Housing Reserve

Open Space Reserve

Historic Preservation Reserve

Undesignated Fund Balance Operating Expenses

FY 2022

####,###

####,###

####,###

####,###

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Fund Land Bank Debt Service

ARTICLE 23: To see if the Town will vote to appropriate from the Community Preservation Act Funds – \$51,692.06 from FY 2020 Undesignated Funds Account and \$181,357.94 from FY 2022 Undesignated Fund Anticipated Revenues for a total of \$233,050 to fund the Land Bank Debt Service. Any funds left unspent from this Article are to be returned to the Community Preservation Act Funds – Undesignated Reserve, and to act fully thereon. By request of the Community Preservation Committee and the Finance Director. Estimated Cost: \$223,050.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Community Preservation Activities under \$50,000

ARTICLE 24: To see if the Town will vote to appropriate from the Community Preservation Act Funds, a sufficient sum of money to fund the items in the table below consistent with their respective applications. Any funds left unspent from this Article are to be returned to the Community Preservation Act Fund from which the appropriation is made as specified in the chart below, and further authorize the Board of Selectmen to enter into grant agreements with the Cape & Islands Veterans Outreach Center and Community Development Partnership, and to act fully thereon. By request of the Community Preservation Committee. Estimated Cost: \$127,066

	Project	Purpose	Amount	Appropriation Source
1	Old Colony Rail Trail Harwich/Chatham Town Border marker project	To delineate town boundaries along the Old Colony Rail Trail	\$1,000.00	Undesignated Fund Balance
	Lower Cape Housing Institute	Ongoing support of the Cape Housing Institute	\$7,500.00	Community Housing Fund Balance
2	Crossing lights at Depot Road South	Ongoing effort to enhance safety through the Rail Trails	\$15,000.00	Undesignated Fund Balance

3	Veterans Home – Dennis, MA	Support the Cape & Islands Veterans Outreach Center’s effort to creating housing	\$15,000.00	Community Housing Fund Balance
4	Senior Memorial Field fencing project	Install new fencing at widely used softball field	\$40,181.00	Undesignated Fund Balance
5	Phase I of II for Veterans Memorial Circle at Evergreen Cemetery	Install flags, lighting and related electrical service	\$48,385.00	Undesignated Fund Balance
		Total:	\$127,066.00	

East Harwich Methodist Church Cemetery Gravestone Project

ARTICLE 25: To see if the Town will vote to appropriate from Community Preservation Act Funds- undesignated fund balance \$112,200 to support the East Harwich Methodist Church Cemetery Gravestone Project. Any funds left unspent from this Article are to be returned to the Community Preservation Act Funds - Undesignated Fund Balance, and to act fully thereon. By request of the Community Preservation Committee and the Cemetery Commission. Estimated Cost: \$112,200.00.

Explanation: The article funds the cleaning, consolidation, repair and/or resetting of grave markers in the East Harwich Methodist Church Cemetery.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Brooks Academy Structural Improvement Projects

ARTICLE 26: To see if the Town will vote to appropriate from Community Preservation Act Funds - \$485,734.55 from the FY2020 Historic Account, \$184,000 from the FY2022 Historic Anticipated Revenues, and \$480,265.45 from the FY2022 Undesignated Fund Anticipated Revenues for a total appropriation of \$1,150,000.000 to make structural improvements to Brooks Academy. Any funds left unspent from this Article are to be returned to the Community Preservation Act Funds-Undesignated Fund Balance, and to act fully thereon. By request of the

Community Preservation Committee and the Brooks Academy Museum Commission. Estimated Cost: \$1,150,000.00.

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Fund a Part-Time Housing Coordinator

ARTICLE 27: To see if the Town will vote to appropriate from Community Preservation Act Funds- \$50,000.00 from the FY2022 Community Housing Anticipated Revenues to fund the Harwich Affordable Housing Trust Housing Coordinator. Any funds left unspent from this Article are to be returned to the Community Preservation Act Funds-Undesignated Fund Balance, and to act fully thereon. By request of the Community Preservation Committee and the Affordable Housing Trust. Estimated Cost: \$50,000.00.

Explanation: Annual request to fund a part-time housing coordinator to support the Affordable Housing Trust.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Hinckleys Pond Watershed Preservation Project

ARTICLE 28: To see if the Town will vote to appropriate from Community Preservation Act Funds - \$360,000.00 from the FY2020 Open Space Fund Account to fund the Hinckleys Pond Project and further to authorize the Board of Selectmen to enter into a grant agreement with the Harwich Conservation Trust. Any funds left unspent from this Article are to be returned to the Community Preservation Act Funds-Undesignated Fund Balance, and to act fully thereon. By request of the Community Preservation Committee and the Real Estate & Open Space Committee. Estimated Cost: \$360,000.00.

Explanation: The goal of this article is to support a partnership between the Town, State, and nonprofit Harwich Conservation Trust (HCT) that will result in the preservation of approximately 31 acres in the Hinckleys Pond/Herring River Watershed to protect water quality, walking trails, land bordering the Cape Cod Rail Trail bike path, scenic views, and wildlife habitat. The following parcels owned by the Jenkins Nominee Trust (9 deeds) would be purchased: Assessor Map 81, Lot G1: Assessor Map 81, Lot G2-1: Assessor Map 81, Lot G2-2: Assessor Map 81, Lot G2-3: Assessor Map 81, Lot G2-4-1: Assessor Map 81, Lot G2-4-2: Assessor Map 81, Lot G3: Assessor Map 81, Lot G3-1

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Harwich Natural Heritage Trail Project

ARTICLE 29: To see if the Town will vote to appropriate from Community Preservation Act Funds - \$150,000 from FY2022 Undesignated Fund Anticipated Revenues to fund the Natural Heritage Trail Project and further to authorize the Board of Selectmen to enter into a grant agreement with the Harwich Conservation Trust. Any funds left unspent from this Article are to be returned to the Community Preservation Act Funds-Undesignated Fund Balance, and to act fully thereon. By request of the Community Preservation Committee. Estimated Cost: \$150,000.00.

Explanation: The Harwich Natural Heritage Trail Project goal is to enhance the recreational and educational experience in Harwich by creating a wheelchair accessible trail loop off Bank Street at HCT's Robert F. Smith Cold Brook Preserve, which is also the site of a HCT/Town ecological

restoration partnership. Harwich residents and visitors will be able to enjoy passive recreational opportunities (walking, birdwatching, dog walking, photography, and more) in a scenic and ecologically restored destination between Harwich Center and downtown Harwich Port.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Brooks Park Lighting Project

ARTICLE 30: To see if the Town will vote to appropriate from Community Preservation Act Funds - \$125,000 from FY2022 Undesignated Fund Anticipated Revenues to fund the Brooks Park Lighting Project. Any funds left unspent from this Article are to be returned to the Community Preservation Act Funds-Undesignated Fund Balance, and to act fully thereon. By request of the Community Preservation Committee and the Recreation & Youth Commission. Estimated Cost: \$125,000.00.

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Sand Pond Revitalization Project

ARTICLE 31: To see if the Town will vote to appropriate from Community Preservation Act Funds - \$83,500.00 from FY2022 Undesignated Fund Anticipated Revenues to fund the Sand Pond Revitalization Project. Any funds left unspent from this Article are to be returned to the Community Preservation Act Funds-Undesignated Fund Balance, and to act fully thereon. By request of the Community Preservation Committee and the Recreation & Youth Commission. Estimated Cost: \$83,500.00.

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Amend the Code of The Town Of Harwich Charter - Update “Board of Selectmen” To “Select Board”

ARTICLE 32: To see if the Town will vote to propose the following amendment to the Harwich Home Rule Charter, to be approved by the voters at the next annual Town election as follows: (new text shown as underlined)

Amend Chapter 3, §1-1 as follows:

A board of selectmen of 5 members shall be elected at-large for 3-year overlapping terms. For purposes of this Charter, the Board of Selectmen shall be referred to as the Select Board.

The Select Board shall possess all of the authority and duties of a Board of Selectmen under the General laws, this Charter, and the bylaws of the Town.

And further, by deleting, in every other instance in which they appear, the words “Board of Selectmen” and inserting in their place, the words, “Select Board”, and to act fully thereon. By the Board of Selectmen.

Explanation: To amend the charter to reflect that not only men are elected to the Board of Selectmen and to ensure that the Town is viewed as inclusive to all. These amendments will be subject to approval by the voters at the 2022 Annual Town Election if adopted at this town meeting. Additional changes to General and/or Zoning Bylaws would follow on these Charter amendments.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Amend The Code of The Town Of Harwich Charter To Amend Chapter 9, Section 6

ARTICLE 33: To see if the Town will vote pursuant to M.G.L. c.43B, §10 to amend Chapter 9, Section 6 of the Town Charter, as set forth below, with strikethrough text to be deleted and bold, underlined text to be inserted:

Section 6. Capital Outlay Plan

9-6-1 The purpose of the ~~7~~ **5**-year capital outlay plan shall be to provide the town with a long-range forecast of the town's major capital improvement needs and to attempt to keep debt borrowing levels as even as possible from year to year.

9-6-2 A "capital outlay" shall mean the acquisition, construction or renovation of buildings, equipment or land having a total cost of \$50,000 **or more** during any budget year and planning funds for any such capital outlay.

9-6-3 The town administrator and the capital outlay committee shall submit a ~~7~~ **5**-year capital outlay plan to a joint public meeting of the board of selectmen and the finance committee during the month of December of each year.

9-6-4 The board of selectmen shall prepare articles to be included in the May annual town meeting warrant seeking adoption of the ~~7~~ **5**-year capital outlay plan and funding of the current year of the plan.

9-6-5 A simple majority vote of the town meeting shall be required to adopt the 7 5-year capital outlay plan as submitted. Any amendment to a previously adopted Capital Plan shall require a two-thirds vote at the Annual Town Meeting.

9-6-6 If any part of the current year of the plan receives funding support at the annual town meeting, but fails at any necessary debt exclusion, capital exclusion or proposition 2 1/2 override ballot votes, the unsupported portion shall be returned to the 7 5-year capital plan in year 1 of the next 7 5-year plan, and to act fully thereon. By the Board of Selectmen.

Explanation: This article seeks to correct defects in Article 36 at the Annual Town Meeting in 2019. The statement under the Finance Committee's recommendation at that time indicated that the article was intended to modify the Capital Outlay Plan from seven (7) years to five (5) years. The article amends 9-6-2 by providing text to qualify that capital outlay items are \$50,000 or greater. These amendments will be subject to approval by the voters at the 2022 Annual Town Election if adopted at this town meeting.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Amend Zoning Bylaw - §325-42 Design Requirements, Subsection L

ARTICLE 34: To see if the Town will vote to amend the Code of the Town of Harwich – Zoning by amending §325-42.L by making the following changing (new text shown in **bold underline** and deleted language shown in strike-out):

Parking and loading zone setbacks for all uses except single-family, two-family and single-family with accessory apartment shall be as follows. For commercial structures, wheel stops for parking spaces perpendicular to or at an angle to a structure shall be located so as to provide a clear area of three feet between the end of a vehicle parked in the space and the nearest structure.

sa

Parking Setbacks¹
(feet)

Zone	Street	Side Line	Rear
RR, RM, RL, RH-1, RH-2 and RH-3	20	10	10
CV, CH-1 and CH-2	20	10	10
IL	15	5	5
MRL and MRL-1	50	50	50
	<u>Note 2</u>	<u>Note 2</u>	<u>Note 2</u>

Notes:

¹ No parking area containing more than four spaces or loading area shall be located within a required front yard, except that those buildings utilizing the provisions of §325-51L (Village Commercial Overlay District) shall not locate any parking within the front yard.

²(1) On already improved properties, the setbacks for parking shall be established at the time of the site plan review.

(2) For vacant lands to be developed for any purpose (other than single-family, two-family and single-family with accessory apartment) the minimum setbacks for parking shall be 25 feet from the street and rear property line and 20 feet from the side property line.

And to act fully thereon. By request of the Planning Board

Explanation: These changes would allow for creativity and flexibility for parking within the MRL and MRL-1 zoning district, particularly for already improved properties.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Amend Zoning Article Xxiv By Adding A New Section - §325-160 Design Guidelines

Article 35: To see if the Town will vote to amend the Code of the Town of Harwich – Zoning Article XXIV West Harwich Special District by adding a new §325-160 as follows:

§325-160 Design Guidelines

For the purpose of this section the Harwich Planning Board shall adopt “*West Harwich Special District Site and Architectural Design Guidelines*” which shall constitute rules and regulations guiding historic structures and new construction within the WHSD. And to act fully thereon. By request of the Planning Board

***Explanation:** The new section 325-160 references design guidelines for the West Harwich Special District, which will be created and adopted by the Harwich Planning Board through a separate public hearing process. These guidelines will assist property owners and applicants with the development and redevelopment of properties within the West Harwich Special District (aka the West Harwich DCPC).*

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Amend General Bylaw Ch. 304 – Water Dependent Structures

Article 36: To see if the Town will vote to amend the Code of the Town of Harwich under the General Bylaw Chapter 304 Water Dependent Structures as follows (new text shown in **bold underline** and deleted language shown in strike-out):

Within §304-1. Purpose - add the phrase “**elevated walkway**” after “dock” in the first sentence.

Within §304-2 Definitions – add one new definition as follows:

CUMULATIVE IMPACT - The effect of a subject activity which, when considered in isolation, may or may not have a significant impact on environmental interests but when considered in relation to other past, present or anticipated future activities in a given area can be expected to be significant in the aggregate.

And further, amend the definitions of Mean High Water, Piling, and Water Dependent Structure as follows:

MEAN HIGH WATER - The elevation in feet above **North American Vertical Datum of 1988 (NAVD 88)** ~~National Geodetic Vertical Datum (NGVD)~~ established by the present arithmetic mean of the water heights observed at high tide over a specific nineteen-year Metonic cycle (the National Tidal Datum Epoch) as shown on the New England Coastline Tidal Flood Survey - Tidal Flood Profile No. 9 Barnstable to Chatham, MA by the New England Division, Corps of Engineers. Where salt marsh occurs, the mean high tide will be that point where *Spartina alterniflora* gives way to *Spartina patens*. Walkways over salt marshes that extend beyond this intersection will be regulated under the provisions of this bylaw.

PILING - A column constructed from any material used to support the deck or other structural member of a wharf, pier, **elevated walkway**, or dock or to serve as a mooring spar or dolphin for vessels or floats.

WATER-DEPENDENT STRUCTURE - Any structure or combination of structures built adjacent to or at an angle from the shore and extending seaward beyond the mean high-water mark so that **people may access the water** ~~vessels may lie alongside to receive and discharge passengers or cargo or for use as a promenade~~ and shall include structures commonly referred to as floats, docks, piers, **elevated walkways**, or wharves.

Within §304-4 Restricted Areas –amend as follows (new language is shown in **bold underline** and deleted text is shown in ~~strike out~~):

No permit shall be issued for construction of a new, private, water-dependent structure in the **following areas**: ~~of~~

Round Cove ~~of~~ **in** Pleasant Bay. This area includes all contiguous parcels beginning with the northerly boundary of the property (Map and Parcel Number 115-S1-3) and extending southerly along the shore to the southerly boundary of the property (Map and Parcel Number 109-B1-5), and all shore front parcels between these two properties, including Round Cove. This prohibition does not apply to existing, licensed structures or to the maintenance of existing, licensed structures.

Both sides of the Herring River. This area includes all contiguous parcels beginning at the northerly boundary of Map 28 Parcel D1 on North Road near the pedestrian bridge over the river, and extending southerly down the river to the southern boundary of 1 Belmont Road, Map 1 Parcel C1, at the mouth of the river where it opens up to Nantucket Sound.

Within § 304-5 Application for a permit in section B1, change fourteen copies to twelve, and add the phrase “and narratives” after “plans” in the first sentence.

Within § 304-8 Standards to be met, amend sections D, F, H, and J, and add a section K as follows (new language is shown in **bold underline** and deleted text is shown in ~~strike out~~).

D. No structure (except floats) shall exceed four feet ~~of walkway~~ **in** width.

F. In order to protect the foreshore, all structures (except floats) shall be supported by pilings. Decks shall have a minimum ~~1/2~~ **3/4** inch spacing between deck planks, **or may use grating instead with permission from the Commission**, and shall be at an elevation ~~height~~ **height** equal to **1.5 times** the width of the deck above ~~mean high water or, in areas of marsh, above the marsh vegetation~~ **the**

salt marsh to the decking, whichever is higher. In areas where the structure is over a wetland resource area other than salt marsh, the height may be equal to 1.25 times the width of the deck. Notwithstanding the foregoing, in all areas where the foreshore is passable on foot, a flight of stairs on either side of the deck shall be provided to allow persons to lawfully use the foreshore, or be of a height that persons may pass underneath with. A directional sign in compliance with the Zoning Bylaw, Chapter 325, Article VII, shall be placed indicating permission to cross the structure.

H. No structure shall be located within 50 feet of an existing eelgrass bed or within a shellfish area defined by the Town bylaws or Town Shellfish Warden, unless expressly allowed by a variance from the Conservation Commission upon clear and convincing evidence provided by the applicant that the proposed project will not have an adverse impact to the wetland resource area(s) or its interest(s). An indication of the presence or absence of shellfish at a proposed site ~~must~~ may be determined by a shellfish survey submitted by the applicant. This shellfish survey shall conform to the sampling methods set forth in the Harwich Wetland Protection Regulations. The survey shall include existing populations of all sizes of commercially important species of shellfish (clams, oysters, quahogs, scallops, and mussels) and shall also include other species of mollusks which may indicate the capacity of the area to support commercially important species. The survey shall also include a description of shell fragments, if feasible, and references, if available, to historical information regarding the presence or absence of shellfish species. Within the Pleasant Bay ACEC, relocation of shellfish encountered during construction of a project is not acceptable mitigation (except when the project is part of a Town- or state-sponsored shellfish relay program, and then only if it can be clearly shown that the productivity of that shellfish bed would not be diminished by its relocation).

~~J. In order to provide the underlying seabed full exposure to sunlight during six months of the year, all proposed structures shall be seasonal, with seven months' maximum use. Off season storage plans shall be submitted for review and approval by the Conservation Commission.~~

J. Recreational water dependent structures are allowed to be used for six months out of the year (May-October). Floats are to be removed from the water by November 1 annually. Off-season storage of the floats shall be off site or outside of the 50' wetland buffer and not on any native plant species. Storage of the float on the marsh is strictly prohibited, and shall result in enforcement action from the commission.

K. There shall be a depth of at least three feet at mean low water on all sides of the float. No vessel shall be aground at mean low water.

Within §304-9 Denial of a Permit – amend as follows (new language is shown in **bold underline** and deleted text is shown in ~~strike out~~):

The Commission may deny a permit in any case where a proposed **water dependent** structure or combination of structures, does not meet the criteria set forth in this Bylaw.—otherwise complying herewith, would not extend to a point where at mean low water a water depth of at least 2 1/2 feet is maintained ~~no vessel shall be aground at mean low water.~~

And to act fully thereon. By request of the Conservation Commission

Explanation: [UNDER REVIEW BY TOWN COUNSEL]

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Amend General Bylaw Ch. 310 – Wetlands Protection Bylaw

Article 37: To see if the Town will vote to amend the Code of the Town of Harwich under the General Bylaw Chapter 310 Wetlands Protection as follows:

Within §310-2. Definitions, Paragraph A, delete the last sentence under the definition of Agriculture and the definition of Aquaculture,

and further, add seven new definitions, in alphabetical order as follows:

BUFFER ZONE - The jurisdictional area extending from the landward limit of a wetland resource area 100 feet landward. Land Subject to Coastal Storm Flowage and Riverfront Area do not have any buffer zones under this bylaw.

CUMULATIVE IMPACT - The effect of a subject activity which, when considered in isolation, may or may not have a significant impact on environmental interests but when considered in relation to other past, present or anticipated future activities in a given area can be expected to be significant in the aggregate.

MITIGATION - The means to offset any potential negative impacts a project may have on a wetland resource area(s) or buffer zone(s) thereto, and a means to improve the wetland resource area(s) and their interests on the site. There are various forms of mitigation the commission may consider, including but not limited to on-site mitigation, off-site mitigation, and in-lieu fees on mitigation-constrained sites to improve specific other wetland resource areas in town.

MITIGATION-CONSTRAINED SITES - A project site that does not lend itself to the need for any on-site mitigation, but due to the proposed activity on the site, requires mitigation as per the Harwich Wetlands Protection Regulations.

SIXTY FOOT NO NEW STRUCTURE ZONE - The 60 foot no new structure zone is the upland area that extends from the landward edge of the wetland sixty feet inland as determined by a professional land survey and wetland delineation. When siting a new building or an addition within the 50-100-foot buffer zone, the structure shall be set back at least 60 feet from

the resource area to allow for human and wildlife passage between the building and the 50-foot buffer, to reduce alteration to the 50-foot buffer, and to avoid the intrusion of lawn in the 50-foot buffer. Within the 50-60' buffer area, no new structure is permitted that would impede access so as to cause intrusion into the 50' No Disturb Zone.

SHELLFISH - Mollusks including but not limited to the following: clams, conchs, mussels, oysters, periwinkles, quahogs, razor clams, scallops, and sea clams; and crustaceans such as lobster or crab.

VARIANCE - An official dispensation from a rule or regulation. As it pertains to the Harwich Wetlands Bylaw and Regulations, a variance will only be allowed upon clear and convincing evidence by the applicant that a proposed activity will not have an adverse impact on any wetland resource area, buffer zone, or their interests.

and further, amend the definition of No-Disturb Zone as follows (new language is shown in **bold underline** and deleted text is shown in ~~strike-out~~):

NO-DISTURB ZONE - The land running 50 feet landward from **the landward limit of** an abutting **wetland** resource area as determined by a professional land survey **and wetland delineation**. No ~~substantial~~ activity, that will result in the building within or upon, filling, removing or altering of land, shall be permitted, with the following exceptions:

- (1) Maintenance **or reconstruction** of an existing permitted structure **within the same footprint**.
- (2) An activity that has been expressly allowed by a variance from the Conservation Commission.

Within §310-3. Jurisdiction, paragraph A, change 3,000 to 1,000.

and further within paragraph C, add the phrase “land subject to coastal storm flowage,” after the words “riverfront area,” and add the phrase “landward limit of” in front of the words “vernal pool habitat.”

And further, delete paragraph D in its entirety and replace it with the following:

D. Conservation variance provision. In rare and unusual circumstances the Commission, at its discretion, may grant a conservation variance from the requirements of this bylaw. Such a conservation variance shall be granted only in the following cases:

- (1) Where maximum feasible compliance is achieved; and
- (2) Where there are clear and compelling reasons of public safety and welfare; or
- (3) Where the proposed project will enhance the environmental values protected by the bylaw; or
- (4) Upon a clear and convincing showing of evidence by the applicant that the proposed work will not adversely affect the environmental values protected by the bylaw.

Within §310-4 Conditional Exceptions, paragraph B, add the words “active, lawful” in front of “cranberry bogs;”

And further, in paragraph C change allow 30 days instead of 21 days after the commencement of an emergency project for a permit application to be filed with the Conservation Commission;

And further, in paragraph D, add the phrase “this Bylaw and associated Wetland Protection Regulations” after “may grant a conservation variance from the requirements of” and omit the phrase “the fifty-foot no-disturb zone.”

Within §310-8 Permits and conditions, paragraph C, insert the word “provide” after the word “shall in the second sentence.

and further, add the following new paragraphs:

J. The Commission is authorized to require an applicant to pay a fee for the reasonable costs and expenses borne by the Commission for specific expert engineering and other consultant services deemed necessary by the Commission to come to a final decision on the application. This fee is called the consultant fee. The specific consultant services may include but are not limited to the resource area survey and delineation, analysis of resource area values, including wildlife habitat evaluations, hydrogeologic and drainage analysis and environmental or land use law.

K. The Commission may require the payment of the consultant fee at any point in its deliberations prior to a final decision. The applicant shall pay the fee to the Town to be put into a consultant services account of the Commission which may be drawn upon by the Commission for specific consultant services approved by the Commission at one of its public meetings.

L. The exercise of discretion by the Commission in making its determination to require the payment of a fee shall be based upon its reasonable finding that additional information acquirable only through outside consultants would be necessary for the making of an objective decision.

M. The Commission shall return any unused portion of the consultant fee to the applicant unless the Commission decides at a public meeting that other action is necessary. Any applicant aggrieved by the imposition of, or size of, the consultant fee, or any act related thereto, may appeal according to the provisions of the Massachusetts General Laws. And to act fully thereon. By request of the Conservation Commission

Explanation: **[UNDER REVIEW BY TOWN COUNSEL]**

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Amend General Bylaw Ch. 131 – Historic Preservation

Article 38: To see if the Town will vote to **[PLACEHOLDER FOR HDHC Demolition Delay Bylaw]**

Explanation: Provides consistency of Demolition Delay document across Cape towns. Most towns use this format as base document. Value to town citizens but also to prospective purchasers, realtors, lawyers and builders a working across town boundaries.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Amend the Town Seal

Article 39: To see if the Town will vote to request the Harwich Historical Society lead a project to potentially update the Town of Harwich Seal to depict a more accurate representation of the Wampanoag dwelling with the replacement of the tepee with a wetu (wigwam). Updates, including financial implications, will be provided to the Board of Selectmen to take appropriate action and to act fully thereon. By request of the Board of Selectmen.

Explanation: The Harwich town seal was designed in 1896 by renowned artist Charles D. Cahoon. The bottom half of the seal shows Pine Grove Seminary, today's Brooks Academy Museum, surrounded by trees. The top half depicts a Native American standing next to a Great Plains style teepee.

According to the Wampanoag Tribe the depiction is not accurate. The tribes in this area lived in wetus, sometimes referred to as wigwams. Wetu in the Algonquin language means “round house” and describes a dome-shaped structure. The wetu was more of a long-term dwelling used for six or seven years. In the summer it would be covered with a cattail mat, and in winter it would be re-

covered with bark. A tepee is conical in shape. Native Americans tribes west of the Mississippi River, who had more nomadic lifestyles, lived in teepees because they were easier to pack up and take with them.

With current attention focused on historical accuracy related to our Native American culture, now would be an appropriate time to research the wigwam, to do the seal justice and update it and make it more reflective of history.

This article is to establish a mechanism for further discussion with input from residents, town officials (including the Town Clerk as the seal is under her jurisdiction), tribal officials and the Historical Commission to consider the possible updating of the town seal.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Create a Wastewater Special Purpose Stabilization Fund

Article 40: To see if the Town will vote to accept M. G. L. Chapter 40, Section 5B, Paragraph 4, thereby creating a Wastewater Special Purpose Stabilization Fund, with monies in said Fund to be used, subject to appropriation, to implement the Town's Comprehensive Wastewater Management Plan, including the development of wastewater infrastructure; provided that fifty (50) percent of the rooms excise tax collected by the Town in accordance with M.G.L., Chapter 64G, §3A, be dedicated to the Wastewater Special Purpose Stabilization Fund, without further appropriation; or to act fully thereon. By request of the Board of Selectmen.

Explanation: This article establishes a Wastewater Special Purpose Stabilization Fund. Half of the revenue derived from the town's rooms excise tax collected will be deposited into this fund. As with any stabilization fund, a two-thirds vote of Town Meeting is required to transfer the funds.
Two-Thirds Vote Required.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:
Yeas: # (number): [Members by Roll Call]
Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:
Yeas: # (number): [Members by Roll Call]
Nays: # (number): [Members by Roll Call]

Approval of DHY Clean Waters Community Partnership Agreement

Article 41: To see if the Town will vote pursuant to Chapter 88 of the Acts of 2019 to approve an Agreement among the Towns of Dennis, Harwich, and Yarmouth for the establishment of a three town wastewater district to be known as the DHY Clean Waters Community Partnership, a copy of said agreement is on file in the office of the Town Clerk; it being understood that by approving said agreement the Town will be responsible for its apportioned share of the costs for permitting, design, and construction of a wastewater treatment facility, effluent recharge facilities and related infrastructure as well as the Town's apportioned share of the annual operation and maintenance cost of said facilities, or to act fully thereon. By request of the Board of Selectmen.

Explanation: **[PLACEHOLDER ARTICLE PENDING FURTHER DISCUSSION BY BOS]**

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:
Yeas: # (number): [Members by Roll Call]
Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:
Yeas: # (number): [Members by Roll Call]
Nays: # (number): [Members by Roll Call]

Authorize the sale of 5 Bells Neck Road

Article 42: To see if the Town will vote to rescind Article 60 of the 2006 Annual Town Meeting and Article 12 of the Special Town Meeting of May 2008 and further to authorize the Board of Selectmen to sell 5 Bells Neck Road used for general municipal use as surplus property, or to act fully thereon. By request of the Board of Selectmen.

Explanation: Previous efforts to lease this property were not successful. This article would allow the Board of Selectmen to seek Requests for Proposals (RFP) for the outright sale of this property in light of recent interest from several local groups to acquire the property.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Amend the Code of Harwich General Bylaws – Chapter 8 Departmental Revolving Funds
§ 8-1. Funds Established

ARTICLE 43: To see if the Town will vote to amend the Departmental Revolving Funds Bylaw, Section 8-1 of the Town Code, (the language to be added is shown in underlined text), [placeholder for Conservation Commission language] or to act fully thereon. By request of the Conservation Commission.

Revolving Fund	Authorize to Spend Fund	Revenue Source	Use of Fund
Wetlands	Conservation Commission	Notice of intent filing fees <u>[Placeholder for final language]</u>	Consultants and wetland and buffer zone management and restoration projects <u>[Placeholder for final language]</u>

Explanation: [UNDER REVIEW BY TOWN COUNSEL]

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Annual Departmental Revolving Funds Authorization

ARTICLE 44: To see if the Town will vote to set spending limits for various revolving funds that have been authorized pursuant to Section 8.1 of the Town Code: and to act fully thereon. By request of the Finance Director.

<u>Revolving Fund</u>	<u>FY 2022 Spending Limit</u>	<u>Disposition of FY 2021 Fund balance</u>
	PLACEHOLDER	

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Stabilization Fund

ARTICLE 45: To see if the Town will vote to raise and appropriate or transfer from available funds a sufficient sum of money to be added to the Stabilization Fund, and to act fully thereon. By the request of the Board of Selectmen. Estimated cost: \$###,###.

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

OPEB Trust Fund

ARTICLE 46: To see if the Town will vote to raise and appropriate or transfer from available funds a sufficient sum of money to be added to the OPEB Trust Fund, and to act fully thereon. By the request of the Board of Selectmen. Estimated cost: \$###,###.

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Fund Prior Year's Unpaid Bills

ARTICLE 47: To see if the Town will vote to raise and appropriate or transfer from available funds a sufficient sum of money to pay unpaid bills of prior years as provided for in M.G.L. Ch. 44, Section 64, and to act fully thereon. By request of the Finance Director. Estimated cost: \$#

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Promote the Town Of Harwich

ARTICLE 48: To see if the Town will vote to raise and appropriate and/or transfer from available funds a sufficient sum of money for the Harwich Chamber of Commerce to promote the Town and its businesses and cultural endeavors to advance economic development initiatives for and with the Town of Harwich. Said monies to be used to manage and fulfill year-round visitor/resident/business information services, to promote and market the Town, to generate and initiate materials and activities that encourage the establishment, growth and sustainability of businesses in Harwich, and to implement economic development objectives and activities in partnership with the Town, and to act fully thereon. By request of the Town Administrator. Estimated cost: \$30,000

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Defray the Expenses of The Chase Library And Harwich Port Library

ARTICLE 49: To see if the Town will vote to raise and appropriate and/or transfer from available funds the sum of \$20,000 to help defray the expenses of the Chase Library and the Harwich Port Library; said funds to be expended under the direction of the Chase Library and Harwich Port Library Trustees, and to act fully thereon. By request of the Town Administrator. Estimated cost: \$20,000

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Supplement Annual Allocation of Mass Cultural Council For
Local Cultural Council Grants

ARTICLE 50: To see if the Town will vote to raise and appropriate, transfer from available funds and/or borrow a sufficient sum of money to supplement the Massachusetts Cultural Council annual allocation for community grant awards to artists, performers, and interpretive scientists who bring events and programs to local venues which enhance the cultural experience of Harwich citizens of all ages, and to act fully thereon. By request of the Town Administrator and the Harwich Cultural Council. Estimated Cost: \$3,600.

Explanation:

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Herring Fisheries

ARTICLE 51: To see what action the Town will take in regard to the Herring Fisheries and to act fully thereon. Customary Article.

FINANCE COMMITTEE RECOMMENDS THIS ARTICLE BE ACCEPTED AND ADOPTED. VOTE: YES-#, NO-#

ROLL CALL VOTES:

Finance Committee:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]

Board of Selectmen:

To accept and adopt:

Yeas: # (number): [Members by Roll Call]

Nays: # (number): [Members by Roll Call]



Memorandum

To: Town of Harwich (Town Administrator and Board of Selectmen)

From: David F. Young, PE
Kara M. Johnston, PE

Date: November 6, 2019 (**Updated March 10, 2021**)

Subject: Town of Harwich Wastewater Program

February 2021 Memo Update: In February 2021, the opinion of probable construction costs (OPPCs) were updated for the DHY Clean Waters Community Partnership. The assumptions and basis of unit cost development remains unchanged as described in this memorandum originally issued in November 2019. Section 4.5 has been added as part of the February 2021 update to document changes to the OPPCs and provide updated OPPC tables. After the DHY technical meeting held on March 4, 2021, flow splits were clarified and costs for Owner's Project Manager (OPM) services were added.

The purpose of this memorandum is to present a detailed discussion regarding the basis of the costs estimates, flow projections, and design elements for the Town of Harwich.

While there are many advantages for communities to work together to address their wastewater programs, cost is one of the major factors. Instead of the three communities of Dennis, Harwich and Yarmouth (DHY) building and operating their own treatment facility and effluent recharge sites the goal is to evaluate building one treatment facility and taking advantage of economy of scale savings. This savings will be realized in the construction costs and long-term in the annual operating costs.

1.0 Cost Estimate Basis

The current alternatives being analyzed include:

- The Harwich Only option, and
- The DHY Clean Waters Community Partnership (DHY Partnership) option.

Cost estimates have been developed and presented for each of these alternatives. The same approach was used for the development of both estimates. Each cost estimate is comprised of the following components:

- Collection System,
- Conveyance System,
- Wastewater Treatment Facility (WWTF),

- Effluent Recharge, and
- Non-Traditional Technologies.

The basis of the capital and operations and maintenance (O&M) cost estimates for each of these five components are detailed in this section. All capital costs are projected to Year 2022 with an estimated Engineering News Record (ENR) Construction Cost Index of 12,400. The ENR Index is an industry standard index from tracking costs over time. For costs that were developed from the 208 Plan Comparison of Costs for Wastewater Management Systems Applicable to Cape Cod by the Cape Cod Commission issued in 2014 (208 Plan Cost Document). Costs were projected from the publication year of 2014 to 2018 with an estimated ENR of 11,068. They were then projected to 2022 assuming a 3% inflation cost increase per year. Additionally, all capital costs include 25% for construction contingency and 15% for engineering, permitting, and planning.

In general, O&M costs were obtained from the 208 Plan Cost Document and have been escalated to 2022 costs using the same method as for capital costs. The O&M estimated for collection and conveyance sewers is on a per linear foot basis, for pumping stations is on a per station basis, and for wastewater treatment and effluent recharge is on a per gallon per day (gpd) of flow basis.

In February 2019, the costs presented in Harwich's Comprehensive Wastewater Management Plan (CWMP) for Phases 1 through 8 were reviewed and updated to the mid-point of construction of Phase 3, 2022. The Comprehensive Wastewater Management Plan – In-Town Harwich Scenario Cost Update Memo dated February 2019 from CDM Smith discusses how the cost update was performed.

1.1 Collection System

The proposed collection system for Harwich is comprised of two different types of collection sewers; gravity and pressure, to create a hybrid system. This system component is not part of the DHY Partnership and remains totally under Harwich control. The capital and O&M costs for both of these sewer types are estimated on a per linear foot basis. Factors such as pipe size and location (local road versus state road) affect the capital cost of the sewers. All collection system capital costs include an additional 10% to reflect recent industry cost increases.

The capital cost for gravity piping includes pipe, manholes, wye connections for each parcel, 6-inch service connections extending an average of 20 feet for each lot (from the street to the property line), paving, police details, and some allowances for drainage and mobilization. Paving is assumed to include a trench patch on all currently paved roads.

The capital cost for pressure sewers includes the cost for valves, grinder pumps, lateral piping, piping in the street and paving. Paving costs assume a 6-foot wide trench for all pressure main. The cost estimate for pressure sewers was based on a quote obtained from the vendor Environment One Corporation (E/One). The estimate was then escalated to 2022 costs using a 3% increase per year.

The layout of the collection system and the number of parcels connected remains the same for both alternatives that are being analyzed. The differences between the alternatives are in the

conveyance system, wastewater treatment facility, and effluent recharge sites which are discussed in the next sections.

1.2 Conveyance System

The proposed conveyance systems are comprised of a series of force mains and pumping stations for each alternative. Similar to collection sewers, capital and O&M costs for force mains are estimated on a per linear foot basis. Pipe size as well as location (local or state road) affect the capital cost for the force main. Like the collection system, all force main and pumping station capital costs for the conveyance system include an additional 10% to reflect recent costs.

Capital costs for pumping stations are developed based on the amount of flow that is conveyed to the station from the collection system via force main. The capital costs for all pumping stations in Harwich were reviewed and updated based on recent bids. O&M costs for pumping stations are estimated on a per station basis and were developed from the 208 Plan Cost Document. Costs include regular maintenance by staff and 10-year cycle servicing/inspections. Daily pumping station inspections as well as annual force main flushing are also included.

The force main routes (length of pipe) and pumping station siting/sizing differ for the two alternatives, therefore, the cost estimates for this component of the wastewater management plans vary.

1.3 Wastewater Treatment Facility

The capital and O&M costs of the wastewater treatment facility have been calculated for the Harwich WWTF as well as the DHY WWTF. Capital and O&M estimates for both wastewater facilities were developed using the 208 Plan Cost Document cost curve method. The cost curve uses the summer average flows to develop capital as well as O&M estimates. The O&M costs include labor, electricity and chemicals, laboratory analysis, repairs and equipment replacement, administrative costs including insurance, and sludge (solids) disposal. The O&M cost estimate for the DHY WWTF developed from the 208 Plan Cost Document cost curve was also compared to the budget of the Mansfield-Foxboro-Norton Regional Wastewater Treatment Facility.

In both alternatives a portion of the Town's flow is conveyed to the Chatham Water Pollution Control Facility (WPCF) for treatment and effluent recharge. The capital and O&M costs for Harwich to send a portion of their wastewater flow to the Chatham WPCF were developed based on the Regional Connection to Chatham Memorandum dated February 13, 2013 from J. Jefferson Gregg, P.E. of GHD. IN 2018 Harwich negotiated with Chatham and signed a contract to purchase treatment capacity at the Chatham WPCF for \$6.8 Million. This actual cost was less than the estimated cost in the Comprehensive Wastewater Management Plan (CWMP) and is the amount carried in the cost estimates included in this memo.

Since the amount of flow at the Harwich WWTF and the DHY WWTF is not the same, the cost estimate for the WWTF differs for the two alternatives. In the DHY Community Partnership option, the WWTF is a shared cost, so Harwich is only responsible for a portion of the capital and O&M costs. The percent share of these costs are discussed in Section 4.

1.4 Effluent Recharge

The capital and O&M costs for effluent recharge were developed using the costs for infiltration basins from the 208 Plan Cost Document as they appeared to be the most viable effluent recharge technology through the analysis performed. The capital and O&M cost estimates are developed based on the average daily effluent flow from the WWTF. For effluent recharge sites that require additional nitrogen removal to meet watershed nitrogen goals or Total Maximum Daily Loads (TMDLs), the cost for a permeable reactive barrier (PRB) downstream of the site is also included in the estimate. The capital cost for a PRB is developed based on a per linear foot basis and the O&M cost for a PRB is estimated on a per each basis. Both capital and O&M costs for a PRB were developed from the 208 Plan Cost Document.

Since the effluent recharge sites are based on the treated effluent from the WWTF, the cost estimate for effluent recharge differs for the two alternatives. In the DHY Community Partnership option, the effluent recharge is a shared cost so Harwich is only responsible for a portion of the capital and O&M cost based on flow percentage. The percent share of these costs is discussed in Section 4.

1.5 Non-Traditional Technologies

The non-traditional technologies included in Harwich's wastewater management plan include a variety of natural nitrogen attenuation and pond projects. Projects include the Muddy Creek increased flushing project, the Cold Brook Project, the Hinkley Pond Remediation Improvements Project, the Seymour Pond Restoration Project, Bucks Pond Restoration Project, and the John Joseph Pond Restoration Project. The Muddy Creek and Cold Brook projects were included in Phases 1 and 2. An allowance of \$2 Million is included in the cost estimates for the implementation of the Cold Brook project.

The non-traditional technologies included in Harwich's wastewater management plan are the same whether the DHY Partnership option is selected or not. Therefore, there are no differences in the capital and O&M cost estimates for this component between the two alternatives.

2.0 Flow Projections

The existing water usage data used to develop Harwich's wastewater management plan comes from the Massachusetts Estuaries Project (MEP) data for the Allen Harbor, Wychmere Harbor, Saquatucket Harbor, Pleasant Bay, and Herring River watersheds and from the Town water use records for parcels outside of these five watersheds. There was also input from the Town of Harwich Planning Department. Wastewater flows can be estimated on a per-parcel basis or by using a percentage of water usage. For a seasonal community such as Harwich, per-parcel estimates are not apt to be accurate and can be misleading. Therefore, estimating wastewater generation based on water usage is the best approach.

A typical factor used for wastewater generation is to assume 90 percent of water usage becomes wastewater which is what was used in calculating Harwich's wastewater flow. This accounts for consumptive uses and outdoor uses such as lawn watering, where the water does not end up becoming wastewater.

Buildout wastewater flows were calculated based on the town's planning data, zoning and land use classifications. A more detailed town-wide buildout analysis was then conducted by the Town Planning Department based on anticipated growth of specific areas that was not accounted for in the MEP reports.

Infiltration and inflow (I/I) is also accounted for in the flow projections. I/I occurs in gravity sewers due to groundwater entering the sewer through pipe joints, connections, defective pipes, and manholes as well as through illegal connections such as roof leaders, sump pumps, and yard drains connected to the sewer. Since the gravity system will be new, I/I flow should not be large and was estimated using an industry standard of 250 gallons per day per inch-diameter-mile of gravity sewer.

To account for fluctuation in population in Harwich between seasons, peaking factors were developed. The ratio of summer (June, July, and August) to annual average daily flow in Harwich was determined to be 1.91 from monthly well pumping records. In addition, peaking factors were calculated using standard industry curves for determining the ratio between average daily flow and peak hour wastewater flow. These factors were applied to the buildout wastewater flow to determine sizing of pumping stations and pipes.

3.0 Design Elements

3.1 Sewer Types

The recommended sewer system technology in Harwich is a hybrid system comprised of gravity sewers as the predominant technology supplemented with pumping stations and low-pressure sewers in areas where appropriate. Typically, if an area with low pressure sewers exceeds more than 20 – 25 homes, a gravity system with a small pumping station will be utilized. In small neighborhoods, with fewer than 20 homes, or at the end of the streets where topography drops down low pressure sewers will be utilized.

3.1.1 Gravity

Conventional gravity sewers are the most common and simple form of wastewater collection. They typically start with a minimum pipe diameter of 8-inches and increase proportionally downstream as flow is collected. This was the preferred sewer system type based on Harwich community feedback. Gravity connections from the house to the main sewer pipe in the road are typically 6-inches. Gravity main sewers and connections are generally PVC or pre-cast concrete pipe. Some of the advantages to using conventional gravity sewers are:

- They typically require the least amount of energy to operate and work during power outages;
- They require the least amount of system maintenance; and,
- They can handle greater flow fluctuations (seasonal and infilling).

3.1.2 Pressure

Pressure sewers require each home or small cluster of homes to have a grinder pump which moves wastewater into a low-pressure force main located in the road. Wastewater from the home flows by gravity into the pump chamber where the pump starts once the flow volume

reaches a specific capacity and the wastewater is conveyed out into a smaller diameter pipeline network installed at a 5 to 6 foot depth. Some of the advantages to using pressure sewers are:

- The pipeline systems are cheaper to install due to smaller diameter pipes at shallower depths;
- The system is water tight preventing infiltration/inflow (I/I) from occurring; and,
- Areas with changing topography or with minimal slopes can be more readily serviced.

3.1.3 Force Main

Force main sewers are typically ductile iron or high-density polyethylene (HDPE) pressurized sewers that convey wastewater from a pumping station at a low point of elevation to a nearby gravity sewer main.

3.2 Pumping Stations

The smaller pumping stations in the hybrid system, which will pump less than approximately 4.0 mgd at peak hour flow to the wastewater treatment facility at buildout, will be submersible-type stations with on-site standby power. The stations would be predominantly precast concrete underground stations, with the standby power and instrumentation and control panels above ground in pedestal cabinets. For instances where the pumping station is highly visible, the standby power and instrumentation and control panels will be housed in a small prefabricated building.

The larger stations, which will pump more than approximately 4.0 mgd at peak hour flow to the wastewater treatment facility at buildout, will likely be cast-in-place wet pit/dry pit stations with a superstructure to house electrical equipment and controls and standby generator. In all cases, the location of the electrical controls and generator will be at an elevation above the 100-year floodplain.

Proposed pumping station locations are only approximate and represent idealized locations, based on topography. As Harwich moves forward with the selected collection and conveyance system, final pumping station sites will need to be reviewed and specific sites selected.

Suction lift stations will be evaluated and piloted in Harwich per directive of the Board of Selectmen.

3.3 Wastewater Treatment Facility

The DHY WWTF to be shared between Dennis, Harwich, and Yarmouth is to be located directly adjacent to the town's current DPW Facilities at 120 Theophilus Smith Road. This location is centrally located within Dennis making it easily accessible from all areas of the town as well as the other two communities for the DHY Partnership option. The Harwich WWTF is located adjacent to the former town landfill and the current town Highways and Maintenance Department on Queen Anne Road. This area is also centrally located within the portion of Harwich that is being sewerred and not conveying the wastewater to the Chatham WWTF.

As discussed in the Comprehensive Wastewater Management Plan (CWMP), the recommended treatment system technology for the WWTF in both alternatives is a Sequencing Batch Reactor (SBR) biological treatment process. The key reasons for constructing the SBR process initially are to minimize capital costs, provide the best operational flexibility based on the anticipated seasonal flow variations, and allow for maximum flexibility in expanding the capacity of the treatment plant as the flow increases in phases.

Based on the results of the MEP reports for the watersheds in Dennis, Harwich, and Yarmouth, the WWTF requirements for nitrogen removal in both alternatives will be an annual average nitrogen discharge concentration of 3 mg/L at ultimate buildout flow of the proposed collection system.

As the 3 mg/L concentration for discharge is based on the removal limits of technology, it is assumed for estimating purposes that an SBR treatment facility will include additional denitrification. Supplemental carbon addition and denitrification filters have been included to achieve this very stringent effluent nitrogen concentration.

The projected flows from each of the three towns were used with typical influent wastewater concentrations to establish influent loads. The influent loads to the facility were used to determine the required SBR reactor volume, and footprint, of the process tankage. The conceptual WWTF layout includes footprint for additional process areas including a headworks and chemical storage room, pipe gallery, ultraviolet (UV) disinfection room, and waste activated sludge storage tanks. There are also laboratory and administrative areas included in the conceptual layout.

4.0 Cost Summary

To highlight where the cost savings lie in the DHY Partnership option, this section presents the capital costs, O&M costs, and equivalent annual costs (EAC) for the two alternatives broken down by the individual components of the wastewater management plans.

EACs are generated assuming a 30-year loan will be obtained at a 2% interest rate. There is the potential to receive a 0% interest rate loan through the Massachusetts State Revolving Fund (SRF) since the project addresses nutrient pollution, however to be conservative EAC costs are estimated using the 2% interest rate.

4.1 Percent Share of Costs Based on Flow

Per the Draft Agreement which provides the operating parameters for the DHY Clean Waters Community Partnership (available at dhycleanwaters.org), each Member Town is allocated and thus owns a specific wastewater capacity in the partnership's treatment facilities. Flows are taken from each community's CWMP. Average daily flow in million gallons per day (mgd) is utilized as the unit of measure for the capacity owned. Capital costs shall be apportioned among the Member Towns based on percent ownership which is calculated from the total flow capacity each Member Town requests.

O&M costs for the use of the DHY Partnership System shall be divided between semi-fixed costs and flow variable costs. Each Member Town's user charge shall include its share of semi-fixed

costs based on total flow capacity owned and online at that time and its share of flow variable costs based on actual flow use by the Member Town.

The DHY Partnership System components that would be shared amongst the three Member Towns for the DHY Community Partnership option include potential conveyance to the DHY WWTF, the DHY WWTF, conveyance to the effluent recharge sites, and recharge of the effluent at these sites.

4.2 Phases 1 and 2 Cost Summary

All the capital cost, O&M cost, and EAC associated with Phases 1 and 2 are presented in **Table 1** for the Harwich only option (Town) and the DHY Partnership option (Regional). This includes allocations in Phase 2 of \$9 Million for Contract 3 design and construction as well as \$2 Million for design, construction, and implementation of the Cold Brook Project. The wastewater treatment facility and effluent recharge sites are not implemented until Phase 3, therefore Phases 1 and 2 are not affected by whether Harwich selects the town only option or the regional DHY plan option. Sewering in Phase 2 includes sewerage in the Pleasant Bay Watershed, with wastewater conveyed to the Chatham WWTF for treatment and recharge.

Table 1. Phase 1 & 2 Cost Summary

Phases 1 & 2	Capital Costs		O&M Costs		Equivalent Annual Costs	
	Town	Regional	Town	Regional	Town	Regional
Collection System	\$35.40 M	\$35.40 M	\$0.55 M	\$0.55 M	\$2.13 M	\$2.13 M
Shared Conveyance to WWTF	\$0 M	\$0 M	\$0 M	\$0 M	\$0 M	\$0 M
WWTF	\$6.77 M	\$6.77 M	\$0.26 M	\$0.26 M	\$0.56 M	\$0.56 M
Effluent Recharge with PRB	\$0 M	\$0 M	\$0 M	\$0 M	\$0 M	\$0 M
Non-Traditional Technologies	\$3.00 M	\$3.00 M	\$0.10 M	\$0.10 M	\$0.14 M	\$0.14 M
Total	\$45.17 M	\$45.17 M	\$0.91 M	\$0.91 M	\$2.83 M	\$2.83 M

4.3 Remaining Phases Cost Summary

The capital cost, O&M cost, and EAC are presented in **Table 2** for the remaining Phases of the Harwich only and the DHY Partnership options (Phases 3 through 8). This table shows that there are significant cost savings for wastewater treatment under the regional plan which translates to a total EAC savings of \$1.52 Million through the formation of a DHY Partnership.

Table 2. Remaining Cost Summary

Remaining	Capital Costs		O&M Costs		Equivalent Annual Costs		Annual Savings
	Town	Regional	Town	Regional	Town	Regional	
Collection System	\$200.97 M	\$212.51 M	\$2.97 M	\$2.99 M	\$11.94 M	\$12.48 M	-\$0.54 M
Shared Conveyance to WWTF	\$0	\$2.22 M	\$0	\$0.06 M	\$0	\$0.16 M	-\$0.16 M
WWTF	\$60.50 M	\$21.23 M	\$1.98 M	\$1.38 M	\$4.68 M	\$2.33 M	\$2.35 M
Effluent Recharge with PRB	\$6.18 M	\$9.07 M	\$0.08 M	\$0.11 M	\$0.36 M	\$0.51 M	-\$0.16 M
Non-Traditional Technologies	\$1.06 M	\$1.06 M	\$0.10 M	\$0.10 M	\$0.15 M	\$0.15 M	\$0 M
Total	\$268.71 M	\$246.09 M	\$5.13 M	\$4.64 M	\$17.13 M	\$15.63 M	\$1.54 M

4.4 Capital Spending Plan Comparison

As discussed above, the costs for the Harwich only and the DHY Partnership options differ throughout the Town’s eight phase program. Because of this, the annual funding requests differ between the two options. The location of the WWTF changes from Harwich to Dennis under the DHY option, so the Town of Harwich developed a draft phasing plan under the DHY option. This draft phasing plan follows similar annual funding requests that were projected in the Town’s CWMP phasing plan. The Town will be further discussing the draft DHY phasing plan in upcoming public meetings to seek input on the draft plan. **Figure 1** compares the annual funding requests for the two options, Harwich Only and the DHY Partnership. In both options, the funds for each phase would be requested in two parts to cover design and then construction.

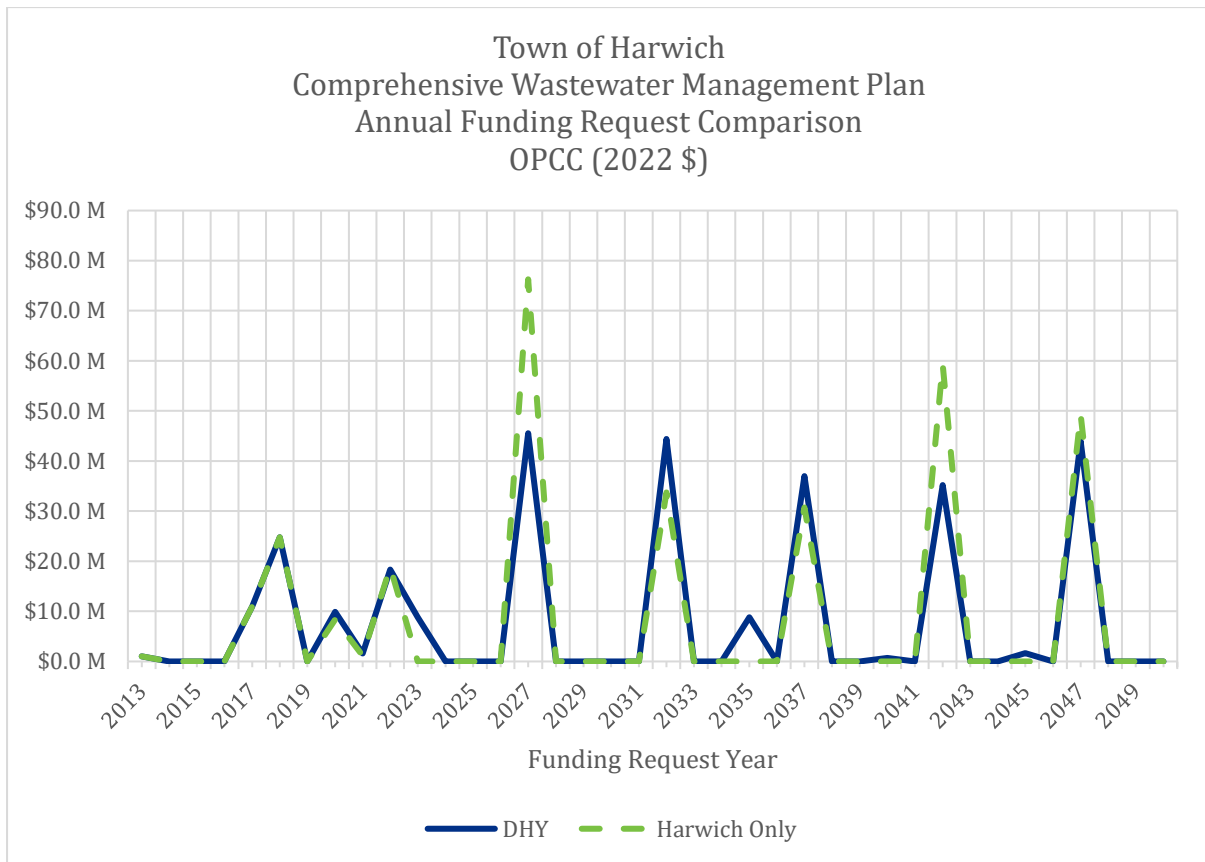


Figure 1 – Annual Funding Request Comparison

Figure 2 compares the cumulative funding requests for the two options, Harwich only and the DHY Partnership. Consistent with Table 2, this graph shows that overall the DHY Partnership option costs less than the Harwich only option, and shows that the annual funding requests are similar in amount and timeline.

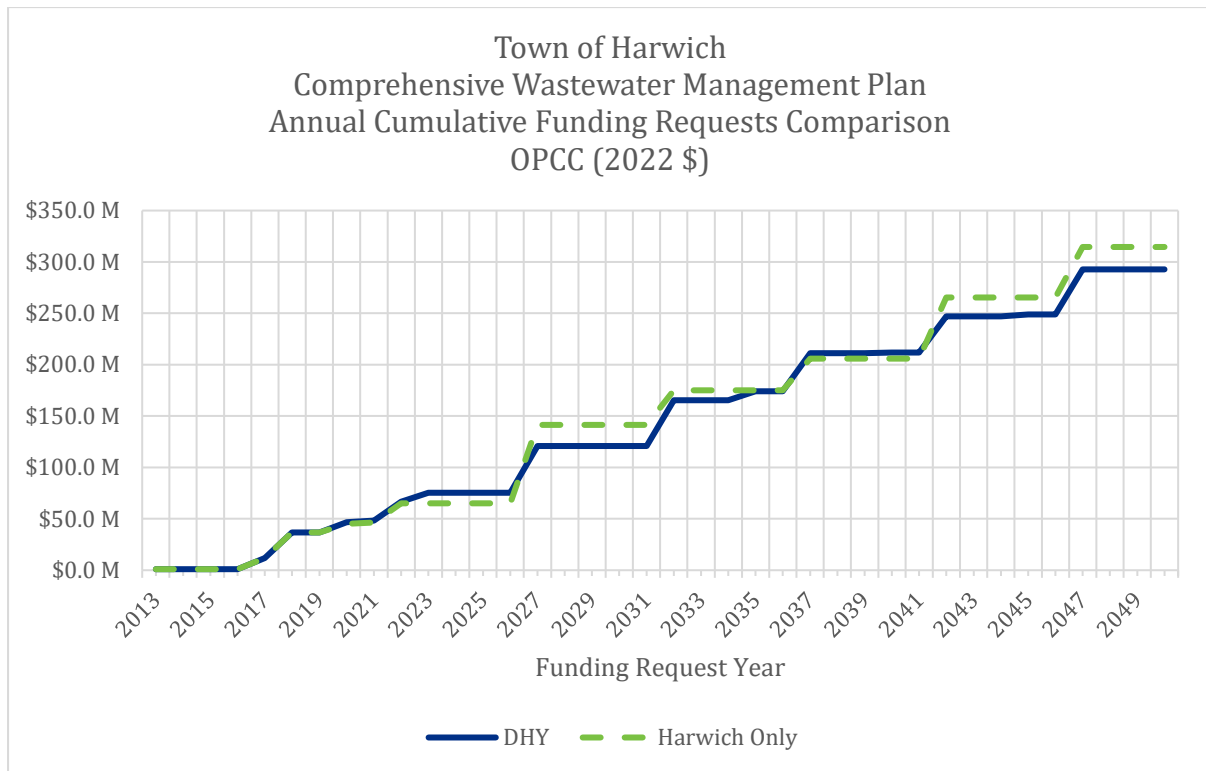


Figure 2 – Cumulative Funding Request Comparison

4.5 February 2021 Update

In February 2021, the opinion of probable construction costs (OPPCs) were updated for the DHY Clean Waters Community Partnership. The revised OPPC as shown in Tables 3 and 4 reflects the following updates to the Harwich Recommended Plan: direct pumping of wastewater by each community to the treatment plant in Dennis, minor known modifications to community collection systems, recommendations made in the 2020 Third Party Peer Review by Weston and Sampson, Inc., and estimated costs for the subsurface effluent recharge facilities at effluent recharge sites, including the Bass River Golf Course and future Dennis golf course sites. A detailed list of the updates for Dennis is as follows:

- All OPPCs are now projected to the end of Year 2024 assuming a 3 percent annual inflation rate, with a projected ENR index of 13,060.
- The OPPC for the DHY Wastewater Treatment Facility (WWTF) has been revised to reflect the initial construction of a facility sized to treat flow from the next two phases in each community at an estimated total average day flow of 2.7 million gallons per day (MGD) (Dennis 1.0 MGD; Harwich 0.3 MGD; Yarmouth 1.4 MGD). The facility would be designed to accommodate expansion to address future flow increases. It is recommended that a preliminary design report be completed as part of the preliminary design stage to develop a more detailed OPPC for each component of the DHY WWTF, along with operations and maintenance costs. The total initial cost of the DHY WWTF in Phase DHY 1 is estimated to be approximately \$103.4 Million. Harwich’s approximate 15% share of this cost would

be \$15.7 Million. The total expansion cost for the DHY WWTF in Phase DHY 4 is estimated to be \$55 Million. Harwich's approximate 15% share of this cost would be \$8.3 Million.

- Pumping station costs have been updated to reflect recent bid prices from local projects.
- Collection system costs (gravity sewer, force main, and pumping stations) have been revised to reflect recent bid pricing from local projects and for consistency with unit costs carried in the Dennis and Yarmouth OPPCs. The potential for cost reduction from coordination with MassDOT projects is not reflected in these estimates.
- The OPPC for pressure sewers has been calculated based on the vendor quotes received for Dennis and Yarmouth pressure sewer plans. An additional 25 percent project contingency has been included for the potential that a portion of the pressure sewer area may be converted into gravity sewer areas. The purchase and installation of grinder pumps are included in this estimate to be consistent with the Dennis and Yarmouth program costs. It is recommended that the Town evaluate collection system technologies in the preliminary design stage for each phase.
- The OPPC for the Bass River Golf Course effluent recharge site has been updated with the Master Plan estimated cost presented in the "Summary of Bass River Golf Course Effluent Recharge Alternatives Capital Cost" memo dated July 10, 2020 (cost tables updated February, 2021). An estimate of impact to revenues during construction has been added to the project cost.
- In addition to the Bass River Golf Course, subsurface effluent recharge costs have been updated for all proposed DHY effluent recharge sites, including the two Dennis golf course sites, based on estimates from other local projects. An allowance for potential impact to revenues during the construction at the golf courses has been added to the project cost.
- Subsurface effluent recharge costs have been updated for all effluent recharge sites, including site HR-12 in Harwich and the potential purchase of a site in East Harwich to serve the Harwich portion of effluent from Chatham WWTF (if needed). The updated effluent recharge costs reflect estimates from other local projects. In the Harwich-town only alternative, effluent recharge estimates have been revised to construct each site in one phase, rather than spread out the construction over multiple phases, in order to be consistent with the Dennis and Yarmouth planning efforts. It will be up to the Town to decide their phasing implementation for the effluent recharge sites.
- Pumping station and effluent recharge operations and maintenance costs have been updated to reflect recent estimates from other local projects. .
- All capital costs include 25 percent construction contingency and 15 percent for design engineering, permitting, and planning (design related costs are not eligible for State Revolving Fund (SRF) loans and need to be bonded separately). Engineering services during construction are included in the construction costs for each phase. A breakdown of design engineering, permitting, planning and construction contingency costs have been separated from the overall program costs and provided to each town separately.

- Costs have not been added for an Owners Project Manager (OPM) as recommended in the Peer Review evaluation as no decision has been on this issue. Should an OPM be hired, the cost is not expected to have a minor impact on the overall DHY evaluation of costs.
- Costs do not reflect the potential for principle forgiveness savings through the MassDEP SRF Loan Program.
- Typical OPM services are in range of 2 to 4% of construction costs depending on services provided. OPM services are included in Town and Regional WWTFs at 3% of the WWTF cost (excluding 25% construction contingency and 15% for engineering, permitting and planning).

The cost summary tables below provide detailed breakdown of the Harwich program and provide a comparison between a regional versus in-town solution. The regional solution assumes Harwich’s share of flow is approximately 15% (980,000 gpd out of 6.47 MGD total).

Table 3 provides a cost summary for Harwich’s 8-phase program, at a buildout flow, and includes costs associated with the Chatham WWTF. **Table 4** provides a breakdown by phase for the eight phases, starting with Phase 1. **Table 5** provides a breakdown of the buildout regional scenario. Note, Table 5 does not include previous Phases 1 and 2 in Harwich.

Table 3. Buildout Cost Summary for Entire Program (Updated March 2021)

Buildout	Capital Costs		O&M Costs		Equivalent Annual Costs ¹		Annual Savings
	Town	Regional	Town	Regional	Town	Regional	\$ / year
Collection System	\$239 M	\$256 M	\$2.4 M	\$2.5 M	\$13.1 M	\$13.9 M	-\$0.8 M
WWTF ³	\$74 M	\$31 M	\$2.7 M	\$1.5 M	\$6.0 M	\$2.9 M	\$3.1 M
Effluent Recharge with PRB	\$15 M	\$19 M	\$0.1 M	\$0.2 M	\$0.8 M	\$1.0 M	-\$0.2 M
Non-Traditional Technologies	\$4.5 M	\$4.5 M	\$0.1 M	\$0.1 M	\$0.3 M	\$0.3 M	\$0
Total	\$333 M	\$311 M	\$5.3 M	\$4.2 M	\$20.2 M	\$18.1 M	\$2.1 M

1. Equivalent annual costs based on 30-year loans at 2% interest.
 2. 2024 Costs with projected ENR of 13,060.
 3. Harwich WWTF Capital and O&M include costs for Chatham capacity in both Town and Regional.
 4. A breakdown of the \$31 M capital cost for the WWTF under the regional alternative is as follows: The payment to Chatham of \$6.8 Million is included in the capital costs. The total initial cost of the DHY WWTF in Phase DHY 1 is estimated to be \$103.4 Million. Harwich’s approximate 15% share of this cost would be approximately \$15.7 Million. The total expansion cost for the DHY WWTF in Phase DHY 4 is estimated to be \$55 Million. Harwich’s approximate 15% share of this cost would be \$8.3 Million.



Table 4. Buildout Cost Summary Phasing Breakdown (Updated March 2021)

Harwich	Phase H1		Phase H2		Phase DHY1		Phase DHY2		Phase DHY3		Phase DHY4		Phase DHY5		Phase DHY6		Total	
	Town	Regional	Town	Regional	Town	Regional	Town	Regional	Town	Regional	Town	Regional	Town	Regional	Town	Regional	Town	Regional
Collection System	\$0.0 M	\$0.0 M	\$36.5 M	\$36.5 M	\$16.4 M	\$13.6 M	\$34.2 M	\$40.7 M	\$33.6 M	\$54.4 M	\$50.3 M	\$41.2 M	\$29.2 M	\$34.2 M	\$38.8 M	\$35.4 M	\$239 M	\$256 M
WWTF ²	\$0.0 M	\$0.0 M	\$6.8 M	\$6.8 M	\$0.0 M	\$11.7 M	\$40.3 M	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M	\$12.5 M	\$26.8 M	\$0.0 M	\$0.0 M	\$0.0 M	\$74 M	\$31 M
Effluent Recharge	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M	\$3.8 M	\$9.1 M	\$0.0 M	\$6.0 M	\$7.4 M	\$0.0 M	\$2.3 M	\$0.0 M	\$2.1 M	\$0.0 M	\$3.8 M	\$15 M	\$19 M
Non-Traditional Technologies	\$1.00 M	\$1.0 M	\$2.00 M	\$2.0 M	\$0.55 M	\$0.55 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.92 M	\$0.92 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$4.5 M	\$4.5 M
Total	\$1.0 M	\$1.0 M	\$45.3 M	\$45.3 M	\$17.0 M	\$29.7 M	\$83.6 M	\$40.7 M	\$39.6 M	\$61.8 M	\$51.3 M	\$57.0 M	\$56.0 M	\$36.4 M	\$38.8 M	\$39.2 M	\$333 M	\$311 M

1. 2024 Costs with projected ENR of 13,060.
2. Harwich cost for Chatham capacity is shown in Phase H2 WWTF costs.

Table 5. Regional Option - Buildout Cost Summary Breakdown for Remaining Phases (Updated March 2021)

Phase ¹	Harwich-only Collection and Conveyance System Costs			Harwich Portion of Shared DHY Costs		
	Construction Contingency (25%)	Non-SRF Eligible Design, Engineering, Permitting, and Planning (15%)	Construction (including Engineering Services during construction) (60%)	Construction Contingency (25%)	Non-SRF Eligible Design, Engineering, Permitting, and Planning (15%)	Construction (including Engineering Services during construction) (60%)
DHY 1/H3	\$3.5 M	\$2.1 M	\$8.5 M	\$5.3 M	\$3.2 M	\$12.7 M
DHY 2/H4	\$10.2 M	\$6.1 M	\$24.4 M	\$0.0 M	\$0.0 M	\$0.0 M
DHY 3/H5	\$15.1 M	\$9.1 M	\$36.2 M	\$0.5 M	\$0.3 M	\$1.1 M
DHY 4/H6	\$10.5 M	\$6.3 M	\$25.3 M	\$2.5 M	\$1.5 M	\$6.0 M
DHY 5/H7	\$8.6 M	\$5.1 M	\$20.5 M	\$0.4 M	\$0.2 M	\$0.9 M
DHY 6/H8	\$8.8 M	\$5.3 M	\$21.2 M	\$0.6 M	\$0.4 M	\$1.5 M
DHY 7	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M
DHY 8	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M	\$0.0 M
Total	\$56.8 M	\$34.1 M	\$136.2 M	\$9.3 M	\$5.6 M	\$22.3 M
Total SRF-Eligible						\$224.6 M
Total Non-SRF-Eligible						\$39.7 M
Total						\$264.3 M

1. 2024 Costs with projected ENR of 13,060.
2. Harwich previously conducted Phases 1 and 2 (including Phase 2, Contract 3) are not shown in Table 5.
3. Harwich WWTF does not include the cost for Chatham capacity as it was previously expended in Phase 2.

Bass River Golf Course Effluent Recharge Site

Backup Cost Information

February 2021

Item	OPPC (2024 Dollars)	Source
Above Grade Earthwork ¹	\$ 1,530,000	Golf Course Architect
Irrigation System ²	\$ 3,700,000	Golf Course Architect
Golf Course Reconstruction ³ (Greens, Tees, Bunkers, Etc.)	\$ 4,730,000	Golf Course Architect
Subsurface Earthwork ⁴	\$ 5,500,000	CDM Smith in-house cost estimating department
Infiltration Chambers ⁴	\$ 3,100,000	Vendor (Infiltrator Water Technologies)
Piping, Valves, Misc. ⁴	\$ 3,340,000	CDM Smith in-house cost estimating department
Revenue Impact During Construction ⁵	\$ 1,100,000	Allowance developed by CDM Smith and Town of Yarmouth
Total	\$ 23,000,000	

Notes:

1. Estimated 10% is for enhancements to the golf course and is not included in the effluent recharge system OPPC.
2. Estimated 50% is for enhancements to the golf course and is not included in the effluent recharge system OPPC.
3. Includes Additional Master Plan Upgrades. Estimated 40% of Greens & Tees OPPC, 80% of Bunkers OPPC and 50% of Miscellaneous Drainage OPPC is for enhancements to the golf course and is not included in the effluent recharge system OPPC.
4. 100% of OPPC is included in the effluent recharge system OPPC.
5. Final Revenue Impact During Construction to be based on final design, discussions between DHY Commissioners and Yarmouth Selectmen, and actual values incurred during the construction period.



Memorandum

To: DHY Clean Waters Community Partnership

*From: Kara M. Johnston, PE, PMP
David F. Young, PE, FACEC*

Date: March 10, 2021

Subject: Summary of Proposed DHY Effluent Recharge Sites

This memorandum summarizes the proposed effluent recharge sites within the DHY Clean Waters Community Partnership. The proposed seven (7) sites, as shown in **Figure 1** and listed in **Table 1**, will serve as the locations for recharge of the highly treated effluent from the DHY Wastewater Treatment Facility (WWTF). The sites are proposed as below grade leaching fields.

The estimated year and phase of implementation for each site, as shown in **Table 1**, ranges from Phase 1 in 2024 to Phase 6 in 2049. The phasing plan will change as communities connect flow to the DHY treatment facility. The order of implementation of the sites was chosen by the DHY subgroup in order of largest size in closest proximity to the proposed DHY WWTF. This shares sites in each community and helps to minimize costs. The proposed effluent recharge capacity for the sites is based on preliminary hydrogeologic evaluations. The following sites have had field testing performed as part of preliminary hydrogeologic modelling efforts: DHY WWTF, Bass River Golf Course, HR-12 in Harwich, and Dennis Recharge Site 2. All proposed DHY recharge sites are outside of the Zone of Contribution from drinking water wells. The proposed sites on the northern portions of Dennis Pines Golf Course and Dennis Highlands Golf Course are on the border of the Zone II in Dennis. The groundwater from these sites flows toward the north, away from the wells, and outside of the 10-year time of travel from the Dennis wells.

The capital cost estimates are developed based on the average daily effluent flow from the WWTF. For effluent recharge sites that require additional nitrogen removal to meet watershed nitrogen goals or Total Maximum Daily Loads (TMDLs), the cost for a permeable reactive barrier (PRB) downstream of the site is also included in the estimate. The capital cost for a PRB is developed based on a per linear foot basis and the O&M cost for a PRB is estimated on a per each basis from the Cape Cod Commission 208 Plan Cost Document.

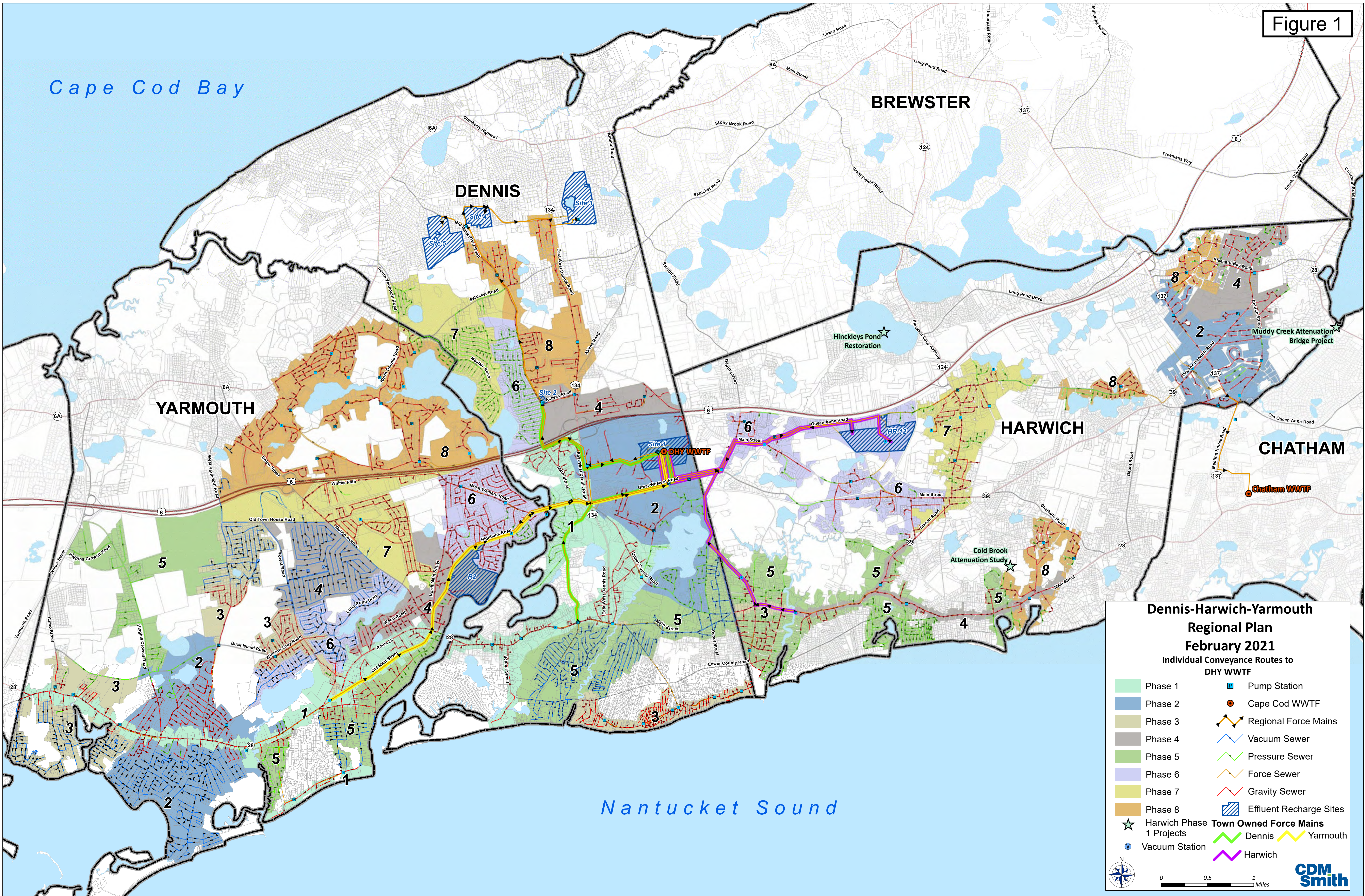
In the February 2021 DHY Cost Update memo dated 02-25-2021, subsurface effluent recharge opinion of probable project costs (OPPC) were updated for all proposed DHY effluent recharge sites based on estimates from other local projects. These updated costs are reflected in **Table 1** below and are based on average gallon per day basis. The effluent recharge site in Harwich at site HR-12 has the potential to be open infiltration basins. This decision has not been finalized so the more conservative costs for subsurface leaching fields have been assumed for site HR-12. The OPPC for

the Bass River Golf Course effluent recharge site has been updated with the Master Plan estimated cost presented in the “Summary of Bass River Golf Course Effluent Recharge Alternatives Capital Cost” memo dated July 10, 2020 (cost tables updated February, 2021). An estimate of impact to revenues during construction has been added to the project cost. In addition to the Bass River Golf Course, the OPPC for the two proposed Dennis golf course sites was also updated based on estimates from other local projects. An allowance for potential impact to revenues during the construction at the golf courses has been added to the project cost. PRB costs are also reflected in **Table 1** where applicable.

Table 1. Summary of DHY Effluent Recharge Sites

DHY Effluent Recharge Sites						
DHY Phase Implemented & Estimated Year of Mid-point of Construction	Town	Description	Effluent Recharge Capacity Assumed (GPD)	DHY Cumulative Capacity (GPD)	PRB Included	Cost (2024 Costs with Projected ENR of 13,060) Note: Golf course estimates include potential lost revenue
1 (2024)	Dennis	DHY WWTF	336,000	336,000	Yes	\$6 M
1 (2024)	Yarmouth	Bass River Golf Course	2,000,000	2,336,000	No	\$16.48 M (DHY) \$6.52 M (Yarmouth-Only Improvements)
3 (2034)	Harwich	Proposed Location of Harwich WWTF (Queen Anne Road)	1,200,000	3,536,000	No	\$7.68 M
4 (2039)	Dennis	2 nd Recharge Site Identified in Dennis CWMP	410,000	3,946,000	Yes	\$6.86 M
5 (2044)	Dennis	Northern Section of Highland Golf Course	250,000	4,196,000	No	\$2.43 M
5 (2044)	Dennis	Parcels North and South of Hokum Rock Road	300,000	4,496,000	No	\$1.92 M
6 (2049)	Dennis	Northern Section of Dennis Pines Golf Course	1,980,000	6,476,000	No	\$15.75 M

Figure 1



Dennis-Harwich-Yarmouth Regional Plan
February 2021
 Individual Conveyance Routes to DHY WWTF

	Phase 1		Pump Station
	Phase 2		Cape Cod WWTF
	Phase 3		Regional Force Mains
	Phase 4		Vacuum Sewer
	Phase 5		Pressure Sewer
	Phase 6		Force Sewer
	Phase 7		Gravity Sewer
	Phase 8		Effluent Recharge Sites
	Harwich Phase 1 Projects		Town Owned Force Mains
	Vacuum Station		Dennis
			Yarmouth
			Harwich

0 0.5 1 Miles

CDM Smith

Flows
DHY Clean Waters Community Partnership

Build-out Annual Average Wastewater Use With I/I (ADF, gpd)					
Phase	Dennis @ DHY WWTF	Harwich @ DHY WWTF	Harwich @ Chatham WWTF	Yarmouth @ DHY WWTF	Total @ DHY WWTF
H1	-	-	0	0	
H2	-	-	168,788	0	
1/H3	304,375	42,500	0	909,147	1,256,021
2/H4	670,889	203,000	86,230	485,258	2,615,168
3/H5	204,841	264,500	0	434,409	3,518,918
4/H6	66,426	180,000	-	289,658	4,055,002
5/H7	346,778	160,000	0	279,776	4,841,556
6/H8	98,538	130,000	80,764	481,109	5,551,203
7	119,859	-	0	225,868	5,896,930
8	145,212	-	0	431,413	6,473,555
Total (Rounded)	1,956,917	980,000	335,782	3,536,638	6,473,555
% of DHY after 8 phases	30%	15%	0%	55%	100%

Flows from Dennis, Harwich, and Yarmouth Comprehensive Wastewater Management Plans as of 03/05/2021.

Town of Dennis Flow Summary by Watershed

Watershed/Phase	Existing Average Daily Flow (GPD)	Buildout Average Daily Flow (GPD)	Additional Planning District Allowance, Average Daily Flow (GPD)	Buildout Average Daily Flow with Additional Planning District Allowance (GPD)	I/I (GPD)	Buildout Average Daily Flow with Additional Planning District Allowance and I/I
Bass River	523,080	640,716	-	703,606	69,218	772,824
1	116,227	168,298	15,587	183,885	20,386	204,271
2	34,183	73,999	47,302	121,301	5,203	126,504
4	31,586	32,484	-	32,484	8,860	41,344
5	38,622	39,538	-	39,538	-	39,538
6	92,965	96,058	-	96,058	2,480	98,538
7	108,018	119,859	-	119,859	-	119,859
8	101,479	110,481	-	110,481	32,289	142,770
Direct Discharge	137,445	201,515	-	216,575	22,628	239,203
3	99,464	152,978	9,053	162,031	22,628	184,659
5	37,981	48,537	6,006	54,544	-	54,544
Herring River	28,979	35,445	-	39,116	301	39,417
2	1,369	2,228	215	2,443	258	2,701
4	306	523	-	523	43	566
5	27,305	32,694	3,456	36,150	-	36,150
Sesuit Harbor	310	900	-	900	1,542	2,442
8	310	900	-	900	1,542	2,442
Swan Pond River	321,575	730,035	-	867,515	35,517	903,032
1	44,794	85,769	-	85,769	14,334	100,103
2	119,751	390,389	136,632	527,021	14,663	541,684
3	8,126	18,509	-	18,509	1,672	20,182
4	6,419	19,669	-	19,669	4,848	24,517
5	142,486	215,699	848	216,546	-	216,546
Grand Total	1,011,390	1,608,611	219,100	1,827,711	129,206	1,956,917

Town of Dennis Flow Summary by Phase

Phase	Existing Average Daily Flow (GPD)	Buildout Average Daily Flow with Planning District and I/I (GPD)
1	161,021	304,375
2	155,302	670,889
3	107,590	204,841
4	38,311	66,426
5	246,394	346,778
6	92,965	98,538
7	108,018	119,859
8	101,789	145,212
Total	1,011,390	1,956,917

Flows from Dennis, Harwich, and Yarmouth Comprehensive Wastewater Management Plans as of 03/05/2021.

Town of Harwich Flow Summary by Phase

Phase	MEP Existing Wastewater Flow (gpd) (from GIS)	MEP Buildout Wastewater Flow (gpd) (from GIS)	Estimated I/I and Planning Allowance (gpd)	Total Harwich @ DHY WWTF
H1				
H2				-
H3/DHY 1	28,365	28,816	13,684	42,500
H4/DHY 2	83,531	111,165	91,835	203,000
H5/DHY 3	213,189	235,385	29,115	264,500
H6/DHY 4	117,313	151,250	28,750	180,000
H7/DHY 5	109,268	130,034	29,966	160,000
H8/DHY 6	56,293	64,702	65,298	130,000
	607,959	721,351	258,649	980,000

Harwich @ Chatham WWTF
168,788
0
86,230
0
-
0
80,764
335,782

Flows from Dennis, Harwich, and Yarmouth Comprehensive Wastewater Management Plans as of 03/05/2021.

Town of Yarmouth Flow Summary by Watershed						
Watershed/Phase	MEP Current Wastewater Average Daily Flow (GPD)	2019 Buildout Wastewater Average Daily Flow (GPD)	Additional Bedroom Allowance, Average Daily Flow (GPD)	Buildout Average Daily Flow with Additional Planning District Allowance (GPD)	I/I (GPD)	Buildout Average Daily Flow with Additional Planning District Allowance and I/I
Bass River	1,282,189	1,442,796	56,000	1,498,796	186,680	1,685,476
Phase 1	113,637	171,288	1,723	173,011	11,552	184,563
Phase 3	23,264	27,757	1,067	28,824	1,185	30,009
Phase 4	234,836	247,532	13,323	260,855	9,775	270,630
Phase 5	101,730	112,966	5,877	118,843	8,817	127,660
Phase 6	338,602	357,125	14,082	371,207	51,235	422,442
Phase 7	181,060	188,832	5,682	194,514	31,354	225,868
Phase 8	289,060	337,295	14,246	351,541	72,762	424,304
Direct Discharge	80,859	264,038	2,051	266,089	6,334	272,423
Phase 1	53,245	235,031	738	235,769	4,246	240,014
Phase 2	20,577	21,358	872	22,230	0	22,230
Phase 5	2,283	2,895	174	3,069	0	3,069
Phase 8	4,754	4,754	267	5,021	2,089	7,110
Lewis Bay	570,723	671,324	21,220	692,544	19,767	712,311
Phase 1	169,713	237,598	154	237,752	6,578	244,329
Phase 2	200,621	208,354	10,790	219,144	9,298	228,442
Phase 3	156,151	166,643	8,379	175,022	3,892	178,914
Phase 5	44,238	58,729	1,897	60,626	0	60,626
Parkers River	621,567	791,800	30,729	822,529	43,899	866,428
Phase 1	95,390	233,689	174	233,863	6,376	240,240
Phase 2	182,113	205,385	12,513	217,898	16,688	234,586
Phase 3	193,488	196,089	10,882	206,971	18,516	225,487
Phase 4	17,292	17,292	882	18,174	853	19,028
Phase 5	79,336	84,595	2,360	86,955	1,465	88,421
Phase 6	53,948	54,750	3,918	58,668	0	58,668
Grand Total	2,555,339	3,169,958	110,000	3,279,958	256,680	3,536,638

Town of Yarmouth Flow Summary by Phase		
Phase	Current Average Daily Flow (GPD)	Buildout Average Daily Flow with Planning Districts and I/I (GPD)
1	431,985	909,147
2	403,311	485,258
3	372,903	434,409
4	252,128	289,658
5	227,587	279,776
6	392,550	481,109
7	181,060	225,868
8	293,814	431,413
Total	2,555,339	3,536,638

Flows from Dennis, Harwich, and Yarmouth Comprehensive Wastewater Management Plans as of 03/05/2021.



Memorandum

To: DHY Clean Waters Community Partnership

*From: David F. Young, PE, FACEC
Kara M. Johnston, PE, PMP*

Date: March 10, 2021

*Subject: Summary of Updates to DHY Clean Waters Community Partnership Project
Opinion of Probable Project Costs (OPPC)*

The purpose of this memorandum is to present the updates made to the conceptual Dennis, Harwich, and Yarmouth (DHY) Clean Waters Community Partnership opinion of probable project costs (OPPCs). **Tables 1 through 5** provide a summary of the estimates, and the plan is shown in **Figure 1**. These tables are similar to those previously presented. The revised OPPCs reflect the following updates to the conceptual plan: direct pumping of wastewater by each community to the treatment plant in Dennis; minor known modifications to community collection systems; recommendations made in the 2020 Third Party Peer Review by Weston and Sampson, Inc.; and estimated costs for the subsurface effluent recharge facilities at effluent recharge sites, including the Bass River Golf Course and in the future two Dennis golf course sites. All costs have now been projected ahead to the estimated mid-point of construction, the end of the Year 2024 (projected Engineering News Record (ENR) construction cost index of 13,060). A detailed summary of updates is provided below for each community. After the DHY technical meeting held on March 4, 2021, flow splits were clarified and costs for Owner's Project Manager (OPM) services were added.

DHY

- All OPPCs are now projected to the end of Year 2024 assuming a 3 percent annual inflation rate, with a projected ENR index of 13,060.
- The OPPC for the DHY Wastewater Treatment Facility (WWTF) has been revised to reflect the initial construction of a facility sized to treat flow from the next two phases in each community at an estimated total average day flow of 2.7 million gallons per day (MGD) (Dennis 1.0 MGD; Harwich 0.3 MGD; Yarmouth 1.4 MGD). The facility would be designed to accommodate expansion to address future flow increases. It is recommended that a preliminary design report be completed as part of the preliminary design stage to develop a more detailed OPPC for each component of the DHY WWTF, along with operations and maintenance costs.
- Pumping station costs have been updated to reflect recent bid prices from local projects.

- The OPPC for the Bass River Golf Course effluent recharge site has been updated with the Master Plan estimated cost presented in the “Summary of Bass River Golf Course Effluent Recharge Alternatives Capital Cost” memo dated July 10, 2020 (cost tables updated February, 2021). An estimate of impact to revenues during construction has been added to the project cost.
- In addition to the Bass River Golf Course, subsurface effluent recharge costs have been updated for all proposed DHY effluent recharge sites, including the two Dennis golf course sites, based on estimates from other local projects. An allowance for potential impact to revenues during the construction at the golf courses has been added to the project cost.
- Pumping station and effluent recharge operations and maintenance costs have been updated to reflect recent estimates from other local projects. .
- All capital costs include 25 percent construction contingency and 15 percent for design engineering, permitting, and planning (design related costs are not eligible for State Revolving Fund (SRF) loans and need to be bonded separately). Engineering services during construction are included in the construction costs for each phase. A breakdown of design engineering, permitting, planning and construction contingency costs have been separated from the overall program costs and provided to each town separately.
- Costs have not been added for an Owners Project Manager (OPM) as recommended in the Peer Review evaluation as no decision has been on this issue. Should an OPM be hired, the cost is not expected to have a minor impact on the overall DHY evaluation of costs.
- Costs do not reflect the potential for principle forgiveness savings through the MassDEP SRF Loan Program.
- Typical OPM services are in range of 2 to 4% of construction costs depending on services provided. OPM services are included in Town and Regional WWTFs at 3% of the WWTF cost (excluding 25% construction contingency and 15% for engineering, permitting and planning).

Dennis

- All OPPCs for the conceptual plan are now projected to the end of Year 2024 assuming a 3 percent annual inflation rate, with a projected ENR index of 13,060.
- Collection system costs have been updated to reflect estimated linear footage of each pipe size following a review of the Dennis Recommended Plan. It is recommended that the Town evaluate collection system technologies in the preliminary design stage for each phase. The potential for cost reduction from coordination with MassDOT projects is not reflected in these estimates. The OPPC for pressure sewers has been updated based on the most recent vendor quote from E-One dated October 2019. An additional 25 percent project contingency

has been included for the potential that a portion of the pressure sewer area may be converted into gravity sewer areas. The purchase and installation costs of grinder pumps are included in this estimate.

- Pumping station costs have been updated to reflect recent bid prices from local projects. The impact from these increases can be seen in phases that include a higher number of pumping stations.
- Subsurface effluent recharge costs have been updated for all proposed effluent recharge sites, including the proposed two golf course sites in Dennis, based on estimates from other local projects. An allowance for potential impact to revenues during the construction at these golf courses has been added to the project cost.
- Pumping station and effluent recharge operations and maintenance costs have been updated to reflect recent estimates from other local projects.
- Typical OPM services are in range of 2 to 4% of construction costs depending on services provided. OPM services are included in Town and Regional WWTFs at 3% of the WWTF cost (excluding 25% construction contingency and 15% for engineering, permitting and planning).

Harwich

- All OPPCs for the conceptual plan are now projected to the end of Year 2024 assuming a 3 percent annual inflation rate, with a projected ENR index of 13,060.
- Collection system costs (gravity sewer, force main, and pumping stations) have been revised to reflect recent bid pricing from local projects and for consistency with unit costs carried in the Dennis and Yarmouth OPPCs. The collection system phasing under the regional approach is as shown in the attached **Figure 1**. The collection system phasing under the town-only approach is as recommended in the Harwich CWMP. The potential for cost reduction from coordination with MassDOT projects is not reflected in these estimates.
- The OPPC for pressure sewers has been calculated based on the vendor quotes received for Dennis and Yarmouth pressure sewer plans. An additional 25 percent project contingency has been included for the potential that a portion of the pressure sewer area may be converted into gravity sewer areas. The purchase and installation of grinder pumps are included in this estimate to be consistent with the Dennis and Yarmouth program costs. It is recommended that the Town evaluate collection system technologies in the preliminary design stage for each phase.
- Pumping station costs have been updated to reflect recent bid prices from local projects.
- Subsurface effluent recharge costs have been updated for all effluent recharge sites, including site HR-12 in Harwich and the potential purchase of a site in East Harwich to serve the

Harwich portion of effluent from Chatham WWTF (if needed). The updated effluent recharge costs reflect estimates from other local projects. In the Harwich-town only alternative, effluent recharge estimates have been revised to construct each site in one phase, rather than spread out the construction over multiple phases, in order to be consistent with the Dennis and Yarmouth planning efforts. It will be up to the Town to decide their phasing implementation for the effluent recharge sites.

- Pumping station and effluent recharge operations and maintenance costs have been updated to reflect recent estimates from other local projects.
- Typical OPM services are in range of 2 to 4% of construction costs depending on services provided. OPM services are included in Town and Regional WWTFs at 3% of the WWTF cost (excluding 25% construction contingency and 15% for engineering, permitting and planning).

Yarmouth

- All OPPCs for the conceptual plan are now projected to the end of Year 2024 assuming a 3 percent annual inflation rate, with a projected ENR index of 13,060.
- Collection system costs have been updated to reflect estimated linear footage of each pipe size following a review of the Yarmouth Recommended Plan. It is recommended that the Town evaluate collection system technologies in the preliminary design stage for each phase. The potential for cost reduction from coordination with MassDOT projects is not reflected in these estimates.
- The OPPC for pressure sewers has been updated based on the most recent vendor quote from E-One dated April 2020. An additional 25 percent project contingency has been included for the potential that a portion of the pressure sewer area may be converted into gravity sewer areas. Purchase and installation costs of grinder pumps are included in this estimate.
- Pumping station costs have been updated to reflect recent bid prices from local projects.
- The Bass River Golf Course effluent recharge site cost has been updated with the Master Plan estimated costs presented in the “Summary of Bass River Golf Course Effluent Recharge Alternatives Capital Cost” memo dated July 10, 2020 (cost tables updated February 2021). An estimate of impact to revenues during construction has been added to the project cost.
- Subsurface effluent recharge costs have been updated for all effluent recharge sites to reflect recent estimates from other local projects.
- Pumping station and effluent recharge operations and maintenance costs have been updated to reflect recent estimates from other local projects.

- Typical OPM services are in range of 2 to 4% of construction costs depending on services provided. OPM services are included in Town and Regional WWTFs at 3% of the WWTF cost (excluding 25% construction contingency and 15% for engineering, permitting and planning).

Cost Summary Tables

Updated Opinion of Probable Project Costs (OPPCs) for the DHY Community Partnership plan are presented below in **Tables 1 through 5**. All OPPCs are for buildout flows as presented in each Town's CWMP. **Table 1** compares the overall estimated project costs for each in-town solution in their respective Town plan versus the Regional plan. **Table 2** compares the estimated portion of shared facilities that each Town would be responsible for in the Regional plan versus the same facilities under their respective Town plans. The shared facilities include the wastewater treatment facility, conveyance to recharge and recharge sites. **Tables 3, 4 and 5** break the project OPCC down by project component for each Town, and compare the in-town versus the regional solution.

Table 1 – Wastewater Program Comparisons by Town (Updated March 2021)

Wastewater Program Cost Comparisons	Capital Costs		O&M Costs		Equivalent Annual Costs ¹		Annual Savings	
	Town	Regional	Town	Regional	Town	Regional	\$ / year	%
Dennis	\$345 M	\$308 M	\$7.9 M	\$5.5 M	\$23.2 M	\$19.2 M	\$4.0 M	17%
Harwich ³	\$333 M	\$311 M	\$5.3 M	\$4.2 M	\$20.2 M	\$18.0 M	\$2.1 M	11%
Yarmouth	\$541 M	\$539 M	\$13.6 M	\$9.2 M	\$37.8 M	\$33.2 M	\$4.6 M	12%
Total	\$1,219 M	\$1,158 M	\$26.8 M	\$19.0 M	\$81.2 M	\$70.4 M	\$10.7 M	13%

1. Equivalent annual costs based on 30-year loans at 2% interest.
2. 2024 Costs with projected ENR of 13,060.
3. Harwich WWTF Capital and O&M include costs for Chatham capacity in both Town and Regional.

Table 2 – DHY Shared Facilities Comparison (Updated March 2021)

WWTF and Effluent Recharge Cost Comparison	Capital Costs		O&M Costs		Equivalent Annual Costs ¹		Annual Savings	
	Town	Regional	Town	Regional	Town	Regional	\$ / year	%
Dennis	\$109 M	\$72 M	\$5.0 M	\$2.8 M	\$9.9 M	\$6.0 M	\$3.8 M	39%
Harwich	\$82 M	\$44 M	\$2.8 M	\$1.7 M	\$6.5 M	\$3.6 M	\$2.9 M	44%
Yarmouth	\$152 M	\$136 M	\$9.6 M	\$5.0 M	\$16.4 M	\$11.1 M	\$5.3 M	32%
Total	\$343 M	\$252 M	\$17.4 M	\$9.5 M	\$32.8 M	\$20.7 M	\$12.0 M	37%

1. Equivalent annual costs based on 30-year loans at 2% interest.
2. 2024 Costs with projected ENR of 13,060.

Table 3 – Dennis Recommended Program Comparison (Updated March 2021)

Dennis	Capital Costs		O&M Costs		Equivalent Annual Costs¹		Annual Savings	
	Town	Regional	Town	Regional	Town	Regional	\$ / year	%
Collection System	\$225 M	\$225 M	\$2.8 M	\$2.6 M	\$12.8 M	\$12.7 M	\$0.2 M	1.2%
WWTF	\$71 M	\$49 M	\$4.7 M	\$2.5 M	\$7.9 M	\$4.7 M	\$3.2 M	41%
Effluent Recharge with PRB	\$39 M	\$24 M	\$0.3 M	\$0.3 M	\$2.0 M	\$1.3 M	\$0.7 M	34%
Non-Traditional Technologies	\$10.4 M	\$10.4 M	\$0.1 M	\$0.1 M	\$552,000	\$552,000	\$0	0%
Total	\$345 M	\$308 M	\$7.9 M	\$5.5 M	\$23.3 M	\$19.3 M	\$4.1 M	17%

1. Equivalent annual costs based on 30-year loans at 2% interest.

2. 2024 Costs with projected ENR of 13,060.

Table 4 – Harwich Recommended Program Comparison (Updated March 2021)

Harwich	Capital Costs		O&M Costs		Equivalent Annual Costs¹		Annual Savings	
	Town	Regional	Town	Regional	Town	Regional	\$ / year	%
Collection System	\$239 M	\$256 M	\$2.4 M	\$2.4 M	\$13.1 M	\$13.9 M	-\$0.8 M	-5%
WWTF ³	\$74 M	\$31 M	\$2.7 M	\$1.5 M	\$6.0 M	\$2.9 M	\$3.1 M	51%
Effluent Recharge with PRB	\$15 M	\$19 M	\$0.1 M	\$0.2 M	\$0.8 M	\$1.0 M	-\$0.2 M	-32%
Non-Traditional Technologies	\$4.5 M	\$4.5 M	\$0.1 M	\$0.1 M	\$0.3 M	\$0.3 M	\$0	0%
Total	\$333 M	\$311 M	\$5.3 M	\$4.2 M	\$20.2 M	\$18.1 M	\$2.1 M	11%

1. Equivalent annual costs based on 30-year loans at 2% interest.

2. 2024 Costs with projected ENR of 13,060.

3. Harwich WWTF Capital and O&M include costs for Chatham capacity in both Town and Regional.

Table 5 - Recommended Program Comparison (Updated March 2021)

Yarmouth	Capital Costs		O&M Costs		Equivalent Annual Costs¹		Annual Savings	
	Town	Regional	Town	Regional	Town	Regional	\$ / year	%
Collection System	\$389 M	\$403 M	\$4.0 M	\$4.2 M	\$21.4 M	\$22.2 M	-\$0.8 M	-4%
WWTF	\$109 M	\$89 M	\$9.3 M	\$4.6 M	\$14.1 M	\$8.5 M	\$5.6 M	40%
Effluent Recharge with PRB	\$43 M	\$47 M	\$0.3 M	\$0.5 M	\$2.3 M	\$2.5 M	-\$0.2 M	-13%
Non-Traditional Technologies	\$0.2 M	\$0.2 M	\$11,400	\$11,400	\$22,200	\$22,200	\$0	0%
Total	\$541 M	\$539 M	\$13.6 M	\$9.2 M	\$37.8 M	\$33.2 M	\$4.6 M	12%

1. Equivalent annual costs based on 30-year loans at 2% interest.
 2. 2024 Costs with projected ENR of 13,060.

INTERMUNICIPAL AGREEMENT

For

Wastewater Collection and Treatment by and between

(CHATHAM/HARWICH)

This Intermunicipal Agreement ("Agreement") is entered into as of 20 June 2017 (the "Effective Date") by and between the Town of CHATHAM, Massachusetts ("Chatham"), a municipal corporation, and the Town of HARWICH, Massachusetts ("Harwich"), a municipal corporation (collectively, with their successors and assigns, the "Parties").

RECITALS

WHEREAS, Chatham owns and operates a sewage collection, treatment and disposal system, including customer service operations for which the Commonwealth of Massachusetts Department of Environmental Protection ("DEP,") has issued a Ground Water Discharge Permit (Permit No.: 44-1), located within the municipal corporate boundaries of Chatham; and

WHEREAS, Harwich plans to construct and operate a sanitary wastewater system within the boundaries of Harwich to service the East Harwich area but desires to deliver its wastewater from the East Harwich area to the Chatham System for treatment and recharge; and

WHEREAS, Chatham and Harwich deem it to be in the public interest to enter into an intermunicipal agreement whereby Chatham would receive and treat Harwich's wastewater and septage at the Chatham Water Pollution Control Facility (the "WPCF,") in consideration of Harwich's contribution toward the capital and operational expenses generated by said connection and the other terms and conditions set forth herein, and

WHEREAS, in order to accommodate the additional flow of wastewater from East Harwich as set forth on Figure 13-1 attached hereto as Exhibit A, Chatham must allow construction of a connection with Harwich (the "Connection Point,."). Costs associated with the Connection Point shall be borne by Harwich in accordance with Section 9.a herein. Costs associated with the collection system from the Connection Point to the WPCF shall be apportioned in accordance with the Harwich Project Share. The Chatham WPCF can accommodate the flow from East Harwich as set forth in Exhibit A while it continues to expand the Chatham collection system to other parts of Chatham not currently connected to the Chatham collection system. Chatham will continue to evaluate the need to design and build upgrades to the WPCF taking into account Chatham's needs, the Harwich flow, and water conservation efforts in both communities; and

WHEREAS, municipalities are authorized in accordance with G.L. c. 40 §§ 4 and 4A to enter into intermunicipal agreements for the purpose of aiding the prevention or abatement of water pollution; and

WHEREAS, Chatham and Harwich have been authorized to enter into this Agreement as evidenced by the execution of this Agreement by their respective Boards of Selectmen.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged and for the mutual covenants, promises, obligations and agreements contained herein, the Parties hereto, intending to be legally bound, agree as follows:

AGREEMENT

1. DEFINITIONS.

The below terms, as used in this Agreement, shall have the following meanings:

- a. "Connection Point" means an underground sewage pipe at which the Chatham collection system is connected to the Harwich collection system and which Connection Point is in approximately the location indicated on the diagram attached hereto as Exhibit B.
- b. "Harwich Flow" means the sum of metered flow, which is metered at the Connection Point, and Unmetered Flow.
- c. "Harwich Project Share" means Harwich's proportionate share of Project Costs which shall be calculated on the ratio between the 300,000 gpd and the total treatment capacity of the WPCF at the time of the Project (1.3 mgd). With respect to PS6 and associated piping, the Harwich Project Share shall be a proportional share as mutually agreed to by the Parties prior to design and construction.
- d. "East Harwich Flow" means the amount of wastewater flowing into Chatham from East Harwich Service Area via the Connection Point.
- e. "East Harwich Service Area," means the areas in East Harwich, specifically sub-watersheds to Upper Muddy Creek, Lower Muddy Creek, Pleasant Bay, Round Cove, and potentially the Great Sand Lakes Area provided the combined flow does not exceed 300,000 gpd daily annual average, as described in the Harwich Comprehensive Wastewater Management Plan dated March 2016. (Figure 13-1, Exhibit A).
- f. "Operation and Maintenance Expenses" (O&M Expense) includes the total annual expenses actually incurred by Chatham in the operation and maintenance of the System pursuant to a budget covering the categories of annual operating and maintenance expense listed on Exhibit C attached hereto, which budget shall be adopted prior to the commencement of each

Fiscal Year; provided, however, that O&M Expense (a) shall not exceed in the aggregate the total amount of the budget for such fiscal year, (b) shall not include any principal, interest or other charges in connection with any indebtedness incurred by Chatham, and (c) shall not include any Chatham expenses not directly attributable to and included in such annual budget of the System except for supplemental and/or emergency appropriations.

- g. "O&M Share" means that portion of Harwich's Fixed and Flow Variable O&M Expenses determined quarterly as defined in Section 4.
- h. "Project" means any future upgrades or capital improvements to the System required by regulatory or other legal authority, including without limitation by MassDEP, any future capital improvements to the System deemed necessary by Chatham to preserve the System's useful life, add/improve treatment quality or parameters treated, or maintain capacity to the System and any cost-saving capital modifications to the System. The term "Project," shall also include pumping station(s), gravity sewer, forcemain and any other wastewater infrastructure used to convey Harwich wastewater to the Chatham WPCF.
- i. "Project Cost" means the total cost to be incurred in the execution of the Project, including, but not limited to, assessment/feasibility, architectural, permitting, and engineering services, and construction work and construction phase services, interest or other costs of borrowing.
- j. "System" means the WPCF, including the effluent recharge beds, the Connection Point(s), pumping station(s), and the gravity sewer and forcemain to convey the collected wastewater from Harwich to the Chatham WPCF.
- k. "Total Flow," means the sum of measured flow received at the WPCF including, but not limited to, wastewater from Chatham, East Harwich Service Area, septage, and grease. Flow shall be calculated on a 12 month rolling average. Exhibit D depicts the average daily Total Flow into the WPCF for the period July, 2015 through June, 2016.
- l. "Unmetered Flow" means flow from Harwich which is not measured by Harwich metering devices at the Connection Point as a result of Harwich residential sewer users being connected directly to the Chatham collection system and billed directly by Harwich. Unmetered flow shall be calculated based upon water usage of those users as set forth in the regulations and shall be paid by Harwich directly to Chatham on a quarterly basis.
- m. "WPCF" means the Chatham Water Pollution Control Facility and all components thereof, including improvements constructed and as may be amended from time to time.

2. EAST HARWICH SERVICE AREA.

2.1 Chatham agrees to receive and treat wastewater from Harwich users in the East Harwich Service Area at an annual average daily volume of up to 300,000 gpd at the Connection Point, and at such other mutually agreeable connection locations as may be designated by Chatham and Harwich. Notwithstanding the foregoing, Harwich may expand the East Harwich Service Area to serve the Great Sand Lakes Area, subject to the approval of Chatham, which approval shall not be unreasonably withheld, provided that Harwich shall not extend its sewer system beyond the East Harwich Service Area if the result of such an extension would cause Harwich to deliver wastewater to Chatham for treatment in excess of 300,000 gpd, unless this Agreement is amended.

2.2 Flow Management Plan. When the Harwich total annual flow metered at the Connection Point exceeds 80 percent of the purchased capacity for a three month period, then Harwich shall present, within 90 days, a plan to Chatham explaining how Harwich intends to manage the remaining 20 percent of the purchased capacity so that total flow exceedances do not occur on a 12-month rolling average. The plan shall 1.) define measures to be taken by Harwich to limit flow connection areas in the future; 2.) define measures to be taken by Harwich to reduce existing flows entering the system; 3.) discuss potential expansion options at the Chatham WPCF; or 4.), define other appropriate action as may be required to enforce the flow capacity allocation. Such Flow Management Plan measures shall be subject to Chatham's approval, which shall not be unreasonably withheld, and, upon written notification to Harwich of such approval, Harwich shall be bound to undertake such measures. Any failure of Harwich to satisfactorily complete such Flow Management Plan measures shall be deemed a material breach of this Agreement. Likewise, Chatham's failure or refusal to approve a Flow Management Plan without reasonable basis shall be deemed a material breach of this agreement.

3. CAPACITY PURCHASE FEE

Harwich will purchase 300,000 gpd average annual daily flow capacity of the Chatham WPCF, for the amount of \$6,765,000. Harwich shall make an initial payment of \$2,265,000 upon execution of this Agreement; a second payment of \$1,500,000 shall be made upon the commencement of flow from the East Harwich Service Area to the WPCF; a third payment of \$1,500,000 shall be made upon an average daily flow of over 50,000 gpd or five (5) years from the date of signing of this Agreement, whichever occurs first; and, a fourth payment of \$1,500,000 shall be made upon an average daily flow of over 150,000 gpd or seven (7) years from the date of signing this Agreement, whichever occurs first.

4. O&M EXPENSES

Terms for paying these costs will be defined into two categories: Fixed and Flow Variable.

A. WPCF

- 1) Given that Chatham will be reserving capacity for Harwich which will require ongoing O&M expenses to maintain the WPCF, Harwich shall pay Fixed O&M expenses (including but not limited to Contract Services, Plant Maintenance, 20% of Chatham DPW Director salary, SCADA contracts, etc.) based on the actual percentage (%) of wastewater flow capacity for East Harwich Service Area to Chatham WPCF Phase I design flow capacity (300,000 gpd/1,300,000 gpd = 23.08%). Fixed O&M payments shall begin at the time of Harwich connection.
- 2) Flow Variable O&M expenses for the WPCF (including but not limited to chemicals, electricity, natural gas, diesel, sludge removal/disposal, testing, etc.) shall be paid based on the actual percentage (%) of wastewater flow from the East Harwich Service Area as measured at the Connection Point(s) to Total Flow. Flow Variable O&M payments shall begin once flow is measured at the Connection Point.

B. Collection System

- 1) Harwich shall pay Fixed O&M costs in a ratio of Harwich design flow to Chatham design flow for that portion of the conveyance system from the Connection Point(s), through pumping station(s), to the WPCF and any off-site effluent recharge location within Chatham, if applicable. Fixed O&M payments shall begin at the time of Harwich connection.
- 2) Flow Variable O&M expenses for the collection system (including but not limited to chemicals, electricity, natural gas, diesel, testing, etc.) shall be paid based on the actual percentage (%) of wastewater flow from the East Harwich Service Area as measured at the Connection Point(s) to total flow measured at Pump Station 6 or other such pump station designation. Flow Variable O&M payments shall begin once flow is measured at the Connection Point.
- 3) For the avoidance of any doubt, Harwich shall not be responsible for the payment of any O&M expenses incurred by Chatham that relate solely and exclusively to the operation and maintenance of any portion of the Chatham sewer collection system or other components thereof that are not used by Harwich.

C. Within thirty (30) days after the end of each calendar quarter, Chatham will send a statement to Harwich showing, for the period since the beginning of the Fiscal Year to the end of such quarter, Total Flow, flow for that quarter as measured at the Connection Point and the total flow measured at Pump Station 6 or other such pump station designation.

5. EFFLUENT RECHARGE

Chatham shall recharge effluent originating from the East Harwich Service Area at the Chatham WPCF site during the initial years of the Agreement. While the existing recharge system was sized for the capacity of the Chatham WPCF, the Groundwater Discharge Permit (GDP) is limited to five (5) years. The discharge allowed by the current GDP is 1.0 MGD, below the WPCF's capacity of 1.3 MGD. The duration of the initial recharge of Harwich effluent at the Chatham WPCF would be at least until the Chatham facility reaches 80% of its permitted flow capacity. Upon being notified by MassDEP that Chatham must redirect effluent recharge, Chatham shall notify Harwich, in which case Harwich shall construct, maintain and repair the necessary infrastructure to redirect the Harwich flow to a suitable site in Harwich, in an amount necessary to meet the requirements of the MassDEP. In the event that Chatham notifies Harwich of the need to construct infrastructure required to redirect treated effluent back to Harwich for recharge, Harwich shall, at its sole cost and expense, complete the infrastructure construction within three years of said notice from Chatham. Thereafter, the Harwich share of O&M costs shall not include any costs incurred by Chatham for effluent recharge for the portion of effluent directed back to Harwich for recharge. Chatham shall provide any easements necessary at the Chatham WPCF to locate a treated effluent pumping station and appurtenances, including forcemain easements necessary on town-owned properties or within existing rights-of-way from the Chatham WPCF to Harwich. Chatham shall have the right to review and comment on the location of any proposed easements to ensure coordination with other Chatham infrastructure. Chatham shall not unreasonably deny, delay or condition the granting of such easements.

6. SEPTAGE

Chatham shall accept septage pumped from properties located in the East Harwich Service Area upon abandonment of the septic system as part of the connection to sewer process, subject to appropriate documentation, and at the prevailing rate of the Chatham WPCF.

7. FLOW BUY BACK PROVISION

Harwich shall notify Chatham upon completion of the sewerage of the East Harwich Service Area in accordance with the Harwich Comprehensive Wastewater Management program. In the event Harwich does not use the entirety of the 300,000 gpd allocated to it at any time during the term of this Agreement, Chatham may buy back any unused flow at a price reflecting the ratio of the amount of gallons to be bought back to the total number of gallons purchased by Harwich at the commencement of this Agreement multiplied by \$6,765,000 which amount shall be adjusted for inflation in accordance with the Consumer Price Index – Northeast Region or any other mutually accepted cost method. Harwich shall not transfer any portion of the 300,000 gpd allocation to any other entity. Harwich shall not divert any portion of the 300,000 gpd allocation to any area outside the East Harwich Service Area.

8. TERM.

This Agreement shall commence on Execution of the Agreement and shall continue, unless sooner terminated, for a Term of twenty five (25) years. This Agreement shall continue in full force and effect on the Expiration Date unless it is modified in writing by the Parties or notice is provided by one of the Parties to the other Party of the intent not to renew this Agreement. Such notice shall be provided no later than five (5) years prior to the Expiration Date. If this Agreement is not renewed, Harwich shall pay to Chatham any unpaid amounts owing hereunder. If this Agreement is extended beyond the original 25 year Term Harwich shall not be responsible for any additional Capacity Purchase Fee.

9. CONNECTION POINT.

- a. Harwich may construct and connect the East Harwich Service Area portion of its wastewater system as set forth on Exhibit A in coordination with Chatham's infrastructure implementation schedule. Chatham will furnish to Harwich wastewater conveyance and treatment services. The connection of Harwich with the System shall take place by means of the Connection Point at or near the Chatham town line. The cost for initial design, construction, and any future expansion or additions to the Connection Point necessary to accommodate any increases in wastewater flow of the East Harwich Service Area shall be borne by Harwich at no cost to Chatham and shall be subject to approval by Chatham.
- b. Harwich hereby grants Chatham and its agents and independent contractors the authority, right and license at all times to have access to such portion of the Connection Point located within Harwich for the purpose of improving, repairing, using and inspecting the same and will issue, promptly upon request therefor, such permits and licenses as shall be necessary to accomplish any of such purposes.
- c. Harwich will pay its proportional share of System Project Costs to convey the collected wastewater from the Connection Point to the Chatham WPCF. The proportional share shall be based on the ratio of Harwich's design flow and Chatham's design flow for that segment of the collection system.

10. REGULATIONS.

- a. Sewer Use Regulations. Harwich shall adopt local Sewer Use Regulations ("Harwich Regulations,") for residential and commercial users of the Harwich System located in East Harwich, which is no less stringent and is as broad in scope as the sewer use regulations set forth in the Chatham Regulations, as amended. The Harwich Regulations shall include pollutant specific local limits which address at least the same pollutant parameters and are at least as stringent as the local limits enacted by Chatham. Harwich shall forward to Chatham for review a proposed draft of the Harwich Regulations within six (6) months, or such longer period of time as may be reasonably agreed upon by the parties, of the date of this Agreement, and shall adopt the Harwich Regulations within

sixty (60) days of receiving approval from Chatham of the content thereof or by any other time as reasonably agreed to by the parties..

- b. Revisions by Chatham. Whenever Chatham proposes to adopt revisions to its sewer use Regulations it shall forward to Harwich for review the proposed revisions. Whenever Chatham adopts a revision to its sewer use Regulations, it shall forward a copy of the revisions to Harwich within ten (10) business days of enactment thereof. Harwich shall adopt revisions to the Harwich Regulations that are consistent with and at least as stringent as those adopted by Chatham. Harwich shall forward to Chatham for review its proposed revisions within thirty (30) days of receipt of Chatham's revisions. Harwich shall adopt its revisions within sixty (60) days of receiving approval from Chatham of the content thereof or by any time as reasonably agreed to by the parties.
- c. Revisions by Harwich. Harwich shall forward a copy of any proposed revisions to the Harwich Regulations to Chatham for review and comment no later than forty-five (45) days prior to proposed adoption. Chatham shall provide comment to Harwich within fifteen (15) days of receipt. Harwich shall not enact any such revisions inconsistent with this Agreement.
- d. Review. The Parties shall periodically review their respective sewer use Bylaw(s) and/or Regulations and jointly draft and adopt amendments (which are equivalent in scope and stringency) when deemed necessary for the effective administration and operation of Chatham's or Harwich's pretreatment program or may be responsive to requirements of MassDEP or address other matters which Chatham or Harwich deem appropriate to maintain the System. This review shall be conducted not less than once every five (5) years. However, either Party may request a joint review whenever such party believes that a review is necessary.
- e. Compliance with Law. Each of the Parties shall comply with all applicable current and subsequent regulations of the U.S. E.P.A. and MassDEP relating to the administration, operation and control of the System during the term of this Agreement, and no party shall be liable for the act or neglect of the other. Chatham shall maintain compliance with the MassDEP permit requirements applicable to the WPCF and all federal, state, and local laws, water quality standards, orders and decrees of governmental authorities with jurisdiction over the treatment and discharge of wastewater. Chatham shall comply with any orders issued by governmental entities relating to the WPCF and shall pay any fines, penalties, or costs resulting from such enforcement actions without recourse to Harwich, except to the extent the violation is caused by flow entering the System from Harwich or other acts or omissions directly attributable to Harwich.

11. IMPLEMENTATION; ENFORCEMENT.

- a. Agency. As holder of Groundwater Discharge Permit #44-1 Chatham is responsible for complying with all conditions in said Permit. In order to ensure that flow entering the Harwich collection system does not place Chatham in a potential Permit violation, Harwich designates Chatham as an agent of Harwich for the purposes of implementation and enforcement of Harwich's sewer use Regulations against all users located in the East Harwich Service Area. Chatham may take any action under Harwich's sewer use Regulations that could have been taken by Harwich, including the enforcement of the Regulations in courts of law. Chatham shall have concurrent authority with Harwich to enforce its sewer use Regulation in Harwich. The foregoing authorization is not an abdication of Harwich's obligations to in good faith enforce this Agreement but in addition thereto. Harwich's Regulations shall indicate said designation of Chatham as a supplemental implementation/ enforcement authority. Notwithstanding the foregoing, Harwich shall have the responsibility of all collections related to users of Unmetered Flow. Harwich shall be required, regardless of the users' collection status, to pay Chatham on a quarterly basis for all Unmetered Flow.
- b. Duties. Chatham, on behalf of and as agent for Harwich, may, at its sole option, perform any and all technical and administrative duties necessary to implement and enforce Harwich's sewer use Regulations or its own sewer use Bylaw. Chatham may, at its sole option: (1) update the industrial waste survey; (2) issue permits to all industrial users required to obtain a permit; (3) conduct inspections, sampling, and analysis; (4) take all appropriate enforcement action; and (5) perform any other technical and administrative duties the Parties mutually deem appropriate.
- c. Permitting. Under no circumstances may Harwich discharge any industrial waste or other waste requiring pretreatment into Chatham's wastewater treatment system until an industrial wastewater pretreatment permit (or modification to an existing permit) is issued by Chatham which allows such industrial waste discharges. Any future industrial user must apply for a permit in conformance with this Agreement and the controlling sewer use Bylaw. Chatham shall not unreasonably deny, delay or condition the granting of such an application.
- d. Right of Access. Harwich grants to Chatham the authority to access all parts of Harwich's sewer system which flow to the Connection Point and, as permitted by applicable law, all parts of the facilities of industrial users located within Harwich that contribute to Chatham's System, including the right to review and copy all records compiled by Harwich and, as permitted by applicable law, industrial users in relation to discharge activities, to periodically verify compliance with all applicable permits, orders, rules, Regulations and Bylaws, including pretreatment standards and requirements. On-site inspections and monitoring may be conducted (i) during business hours without prior notice or (ii) during non-business

hours with notification to the Harwich Police Department or Public Works Department.

- e. Restriction on Foreign Wastewater. Harwich shall not authorize the use of the Connection Point for the transmission of wastewater to the System generated by any source of wastewater that is not located in East Harwich Service Area.
- f. Violations. Industrial users of the system in Harwich, if any, shall be subject to enforcement action by Chatham for any violation of Harwich's or Chatham's sewer use Bylaw or Regulations, or any applicable federal, state or local pretreatment regulation or standard, including, but not limited to, administrative orders, fines and penalties (up to such limits as may be then applicable under state and federal law), injunctive relief, and/or termination of sewer service; provided, however, that Chatham shall be entitled to implement the remedy of termination of sewer services only if any such violation by the industrial user results in a discharge which, in Chatham's sole determination, reasonably appears to present a danger or threat as described in Section (11)(g) of this Agreement.
- g. Emergencies. Notwithstanding anything to the contrary contained herein, Chatham shall have the immediate and effective authority, on its own behalf and as the agent of Harwich, to take emergency action to halt or prevent any discharge to the System which (i) presents or may present an imminent danger to the health or welfare of humans, (ii) reasonably appears to threaten the environment, (iii) threatens to cause to pass through sludge contamination or substantial interference with the appropriate operation of the System, or (iv) may result in a Permit violation.
- h. Costs. All costs and expenses (including, but not limited to, labor, equipment, attorneys' fees, etc.) incurred by Chatham in implementing and enforcing Harwich's sewer use Regulations against users of the System located in East Harwich shall be paid by Harwich upon issuance of a quarterly invoice by Chatham itemizing the same.
- i. Secondary Authority. If the authority of Chatham to act as agent for Harwich under this Agreement is questioned by an industrial or any other user, court of law, or otherwise, Harwich will take whatever action is necessary to ensure the implementation and enforcement of its sewer use Regulations against any of its users, including, but not limited to, implementing and enforcing its sewer use Regulations on its own behalf and/or amending this Agreement to clarify Chatham's authority.
- j. Natural Disasters. In the event of floods or other natural disasters that cause water flows in the System to exceed capacity limits and/or that result in an unsafe condition, and/or that cause, or threaten to cause, harm to the public health, the Parties shall cooperate fully and reasonably to resolve such capacity, safety and public health concerns in accordance

with the broad objectives of this Agreement and applicable laws and regulations.

12. ALLOCATIONS OF MAXIMUM FLOWS; FLOW CHARACTERISTICS.

- a. Maximum Flows. The annual average daily flow from the East Harwich Service Area shall be 300,000 gpd or less calculated on a 12 month rolling average. This represents 23.08% of the initial design average annual flow of the WPCF. Because the flow from Harwich will be pumped to the Chatham WPCF, Harwich is allowed 23.08% of other measured or calculated flows including, but not limited to, maximum 30 day average, peak day, and peak hour.
- b. Flow Characteristics. Harwich will not authorize, and Chatham shall exclude, wastewater flows into the System in excess of the rates of flow specified above for the East Harwich Service Area; provided, however, that before excluding flow from the East Harwich Service Area hereunder, a determination based on actual data over a period of at least twelve (12) months shall have been made that the average flow from the East Harwich Service Area shall have exceeded the limitation applicable thereto and Harwich shall have been given at least ninety (90) days prior written notice thereof. Chatham and Harwich shall take all reasonable steps to preclude the introduction into the System of wastewater having characteristics, including, but not limited to, BOD, TSS, Total Nitrogen, Nitrate Nitrogen, Turbidity, TOC, Oil & Grease, Sodium, not in accordance with the local limits in place from time to time as established by Chatham.

Local Limits shall be defined as follows:

1. BOD, TSS, Total Nitrogen – Harwich shall be allowed a share of the influent load planned for the WPCF that is commensurate with the flow from the East Harwich Service Area. Preliminary Design Memo M-1B defines the Chatham WPCF loads (Exhibit E).
2. Turbidity, Oil & Grease, TOC, and Nitrate Nitrogen – are expected to be similar to Chatham's influent.
3. Harwich shall not discharge into the Harwich or Chatham system waste originating from marine pumpout facilities, or other non-standard sources, without the prior written approval of Chatham.

13. METHODS OF DETERMINING FLOWS.

- a. East Harwich Service Area Flow, other than Unmetered Flow, shall be measured by a standard metering device to be located and installed at the Connection Point in the location indicated on Exhibit B. Unless replaced or changed pursuant to a future agreement between the parties, such standard metering device will consist of the following apparatus: One

Venturi Meter, a direct reading totalizer, indicator, and recorder-transmitter with instantaneous flow signal data transmitted to the Chatham Water Pollution Control Facility SCADA system on a continuous basis. Chatham shall be responsible for maintaining the SCADA system. Said apparatus shall be subject to the approval of Chatham, which shall not be unreasonably withheld.

- b. Chatham will cause the flow of wastewater from East Harwich to be measured and recorded on a continuous basis in the same manner as set forth in Section 13(a) above, so that the Total Flow (other than Unmetered Flow) and flow from East Harwich shall at all times be known.
- c. In the event any metering device fails to register or registers incorrectly the flow of wastewater, Chatham and Harwich will agree on an estimate (if an historic record is not available from earlier similar periods) of the period of time during which the metering device failed to register or registered incorrectly and the quantity of wastewater that would have been measured were the metering device operating correctly, and an appropriate adjustment based thereon shall be made in the wastewater flow to be used as the basis on which to determine Harwich's O&M Share.
- d. For billing purposes, Chatham shall read the metering devices at intervals of approximately thirty (30) days. Harwich, at its expense, shall periodically, but not less than twice each year (spring and fall), inspect, test and calibrate the Venturi metering device referred to in Section 13(a) and within 48 hours after any failure of the meter.
- e. Harwich recognizes that the System has a maximum permitted flow of One (1) MGD and that further there are portions of Chatham that still require connection to the System. Harwich, therefore, shall be entitled to no more than 300,000 gpd of permitted Flow into the System.

14. COLLECTION OF AMOUNTS PAYABLE.

- a. O&M Share. Within thirty (30) days after the end of each calendar quarter, Chatham will send a statement to Harwich showing, for the period since the beginning of the Fiscal Year to the end of such quarter, (a) East Harwich Flow, (b) the Total Flow, (c) O&M Expense incurred, (d) Harwich's O&M Share thereof and (e) the amount, if any, previously paid by Harwich on account thereof. Harwich shall remit payment of the balance due to Chatham within thirty (30) days of receipt of such statement.
- b. Harwich Project Share. Harwich shall pay the Harwich Project Share of the Project Costs. Such payments shall be based upon the payments actually made by Chatham pursuant to all financings and/or borrowings, including, without limitation, interest costs, in connection with the Project, but shall not include any amounts reimbursed to Chatham under

any federal or state grant program. Chatham will send a monthly statement to Harwich showing the amount actually paid to Chatham's lender. Harwich shall remit payment to Chatham within thirty (30) days of receipt of such statement.

- c. Construction Costs Following Early Termination. In the event of any termination of this Agreement prior to the Expiration Date, Harwich shall pay to Chatham the full amount of (i) Harwich's Project Share of the Project Costs for work actually performed and invoiced to Chatham and which remains unpaid as of the date of termination, (ii) Harwich's Project Share of the Project Costs for all then-remaining work to be performed in connection with the Upgrades resulting from Harwich's use of the WPCF and (iii) any other amounts owing hereunder. Such payment shall be made to Chatham within thirty (30) days of the date of notice of termination or, for work not yet performed at the time of the notice of termination, within thirty (30) days of the date of invoicing for work when it is actually performed. In the event that any payment due under this Section 14 is not received by Chatham within forty-five (45) days of Harwich's receipt of Chatham's statement, interest on the amount overdue shall accrue at the rates and in the manner as is charged to Chatham ratepayers who have amounts owed and past due. The provisions of this Section 14 shall survive any termination of this Agreement.
- d. Fees. Harwich shall be responsible for collecting, and Chatham shall be entitled to receive the proceeds from, the issuance and collection of sewer use and pretreatment fees and assessments, if any, as set forth in the controlling sewer use Bylaw or Regulations, as amended, from any and all contributing users located within Harwich. Harwich hereby covenants and agrees that East Harwich-based users of the System shall be subject to and responsible for the payment of such fees, including without limitation any special assessment or similar charge to the extent such fees, assessments or charges are also payable by Chatham-based users of the System, and that Harwich shall bill and collect said amounts and pay to Chatham, at no cost or expense to Chatham, all such amounts on a quarterly basis.

15. MATTERS SUBJECT TO CONFERENCE BETWEEN THE PARTIES.

Chatham and Harwich recognize and agree that they are both users of the System and contribute financially to the O&M Expense of the same, and that such use of the System and financial contribution to Chatham from Harwich shall be considered whenever such facts are pertinent to the observance and performance of this Agreement. Representatives of Harwich may be requested to attend any conference with Chatham where the matters discussed are or may be affected by such use and contribution or may affect such use and contribution. Further, Chatham and Harwich shall create an advisory board for the purpose of exchanging communication regarding the System. Such board shall consist of five (5) members, comprised of three (3) from Chatham and two (2) members from Harwich. The Chatham Town Manager shall serve as one of Chatham's

designated members and shall also act as chair. The board shall meet quarterly to discuss the status of the System and any major issues related thereto. The board shall be advisory in nature, and may make recommendations to Chatham with respect to proposed improvements or other modifications to the administration of the System, but shall not have the legal authority to require or direct that its recommendations be implemented. Each Town shall determine on their own, how to designate their remaining members of the board.

16. DISPUTE RESOLUTION.

Any disputes arising out of this Agreement shall be submitted to non-binding mediation performed by an independent mediator stipulated by Chatham and Harwich. A resolution reached in mediation shall in no way limit Chatham's power to enforce pretreatment standards and requirements directly against industrial users or other users located in Harwich, nor shall it preclude the parties from seeking other remedies against each other including without limitation proceedings in a court of competent jurisdiction. The cost of such mediation, except for the cost of each Party's direct representation, shall be shared equally between the Parties.

17. REMEDIES.

- a. Legal and Equitable Relief. The Parties acknowledge and agree that money damages may not be a sufficient remedy for any breach of this Agreement, that either Chatham or Harwich may be entitled to equitable relief (including, without limitation, injunction, specific performance and termination of this Agreement) as a remedy for any such breach or threatened breach, and that neither Party shall oppose the granting of any such relief to Chatham. Such remedy shall not be deemed to be the exclusive remedy for a breach of this Agreement but shall be in addition to all other remedies available to either Party for all damages, costs and expenses, including reasonable attorneys' fees, incurred by it in this regard.
- b. Waiver. No delay or failure to exercise a right resulting from breach of this Agreement shall impair such right or be construed as a waiver thereof, so that such right may be exercised from time to time and as may be deemed expedient. Any waiver shall be in writing and signed by the party granting such waiver. If any provision contained in this Agreement is breached by either Party and thereafter waived by the other Party, such waiver shall be limited to the particular breach so waived and shall not be deemed to waive any other breach under this Agreement.

18. TERMINATION.

- 18.1 Either party may terminate this Agreement for convenience by providing at least five (5) years advance written notice to the other party, provided that such notice is delivered to the other Party on or after the Tenth Anniversary of this Agreement. All benefits and obligations under this Agreement will cease upon

the termination date set forth in such written notice. Upon the effective date of such termination, Chatham shall discontinue the services of its System, including collection and treatment of wastewater discharge, for any and all residential, industrial and other users located in Harwich. All users located in Harwich shall cease and desist discharging into Chatham's System upon Chatham's election to discontinue services. In the event of any termination of this Agreement prior to the Expiration Date, Harwich shall pay to Chatham the amount described in Section 14 hereof, in addition to any other amounts owing hereunder.

In the event that Chatham terminates this Agreement pursuant to this section, Chatham shall pay to Harwich the unamortized portion of the Capacity Purchase Fee remaining on the effective date of the termination in accordance with the following formula:

$((50 \text{ year WPCF Life}) \text{ minus } (\text{Year from Date of original agreement that Termination takes effect})) \text{ times } (\$135,300)$.

- Where \$135,300 is the Capital Purchase Fee divided 50.
- Payment to Harwich shall be reduced by \$135,300 per year up to the "Initiate Termination,, year 44 from the execution date of the original Agreement following renewal of said Agreement.

Example:

- Chatham Initiates Termination in Year 10 (notice not allowed prior to Year 10 per Agreement)
- Termination takes effect in Year 15 (Agreement requires 5 years minimum Notice)
- Therefore, Payment to Harwich = $(50 - 15) * \$135,300 = \$4,735,500$

Table below shows full schedule estimated for 50 year WPCF system life.

Initiate Termination at year (years from original agreement date)	Year Termination takes effect (5 years after "Initiate Termination,,)	Years remaining in WPCF Life	Payment to Harwich
10	15	35	\$ 4,735,500
11	16	34	\$ 4,600,200
12	17	33	\$ 4,464,900
13	18	32	\$ 4,329,600

14	19	31	\$ 4,194,300
15	20	30	\$ 4,059,000
16	21	29	\$ 3,923,700
17	22	28	\$ 3,788,400
18	23	27	\$ 3,653,100
19 ⁽¹⁾	24	26	\$ 3,517,800
20	25	25	\$ 3,382,500
21	26	24	\$ 3,247,200
22	27	23	\$ 3,111,900
23	28	22	\$ 2,976,600
24	29	21	\$ 2,841,300
25	30	20	\$ 2,706,000
26	31	19	\$ 2,570,700
27	32	18	\$ 2,435,400
28	33	17	\$ 2,300,100
29	34	16	\$ 2,164,800
30	35	15	\$ 2,029,500
31	36	14	\$ 1,894,200
32	37	13	\$ 1,758,900
33	38	12	\$ 1,623,600
34	39	11	\$ 1,488,300
35	40	10	\$ 1,353,000
36	41	9	\$ 1,217,700
37	42	8	\$ 1,082,400
38	43	7	\$ 947,100

39	44	6	\$ 811,800
40	45	5	\$ 676,500
41	46	4	\$ 541,200
42	47	3	\$ 405,900
43	48	2	\$ 270,600
44	49	1	\$ 135,300
45	50	0	\$ -

Notes:

1. Termination for convenience per the Agreement may not be initiated after year 19 without the renewal or renegotiation of the Agreement between Chatham and Harwich.

18.2.

- A. For any material breach of this Agreement, either party may terminate this Agreement by giving the other party written notice thereof with an effective termination date twelve (12) months after receipt of the notice to terminate and after providing an opportunity to cure such material breach. For purposes of this Agreement, a material Breach is defined as a substantial failure of a party to perform its duties or obligations hereunder which prevents the Agreement from being completed, alters the financial burdens of the Parties, or defeats the purpose of the Agreement.
- B. No failure or delay in any performance hereunder shall be deemed to be a breach of this Agreement when such failure or delay is occasioned by or due to an Act of God, strike, lockout, war, riot, epidemic, explosion, sabotage, breakage, or accident to machinery or line or pipes or binding order of any court or governmental authority, or any other cause whether of the kind herein enumerated or otherwise not attributable to or within the control of the Party against whom the breach is alleged.
- C. It shall be deemed a material breach of this Agreement if sixty (60) days passes after which Chatham has sent to Harwich a written notice of overdue payment of any undisputed amount and Harwich does not pay same within ten (10) days after receipt of said overdue notice. It shall further be deemed a material breach of this Agreement if Harwich fails to timely adopt/revise Sewer Use Regulations as required by Section 10 or fails to timely fund, construct, maintain and repair the necessary effluent recharge infrastructure to redirect the Harwich flow to a suitable site in Harwich as required by Section 5 as triggered by notification from DEP that Chatham must re-direct effluent recharge.

19. NOTICES.

Whenever notice shall be required to be given pursuant to the terms of this Agreement, it shall be in writing and shall be deemed given when mailed by United States registered or certified mail, postage prepaid, return receipt requested and addressed as follows:

To Chatham:

Town Manager
549 Main St.
Chatham, MA 02633
With copy to Board of Selectmen

To Harwich:

Town Administrator
732 Main St.
Harwich, MA 02645
With copy to Board of Selectmen

20. MISCELLANEOUS.

- a. Entire Agreement. This Agreement constitutes the entire agreement between the Parties with respect to implementation and enforcement of a pretreatment program to control wastewater discharges from all industrial users of the System.
- b. Periodic Review. The Parties will review and revise this Agreement to ensure compliance with the Federal Clean Water Act (33 U.S.C. § 1251 et seq.) and rules and regulations (see 40 C.F.R. Part 403) and the rules and regulations of the DEP, as necessary.
- c. Further Assurances. Each of the Parties hereto shall execute and deliver any and all additional documents or instruments (including easements and other rights in land), in recordable form as appropriate, shall provide other assurances, shall make any necessary applications or filings and submit any records or data to any regulatory body, governmental entity or agency having jurisdiction as necessary to obtain any additional permits, licenses and approvals required, and shall do any and all acts and things reasonably necessary to carry out the intent of the Parties hereto and to confirm the continued effectiveness of this Agreement. Without limiting the foregoing, the Parties agree to amend their respective facilities plans as necessary in connection with any change in applicable industrial pretreatment requirements.
- d. Industrial User Contracts. Nothing in this Agreement precludes Chatham from entering into direct contracts with users located in Harwich establishing wastewater discharge restrictions and pretreatment

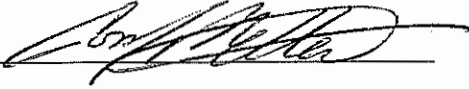
requirements that are at least as stringent as those provided for in Harwich's sewer use Regulations.

- e. Relationship. This Agreement does not create a fiduciary relationship between the Parties. Nothing in this Agreement is intended to constitute either Party an agent, legal representative, subsidiary, joint venture, partner, employee, or servant of the other for any purpose.
- f. Modification. No modification, alternation, amendment or waiver of any provision of this Agreement shall be effective or binding on either party unless mutually agreed to in writing by the Parties.
- g. Captions. The captions appearing in this Agreement are inserted only as a matter of convenience and for reference, and in no way define, limit construe or describe the scope or intent of any provisions of this Agreement nor in any way affect this Agreement.
- h. Governing Law. This Agreement shall be governed by, construed and interpreted in accordance with the laws of the Commonwealth of Massachusetts, which shall also be determinative in any litigation in connection with, or enforcement of this Agreement.
- i. Severability. If any term of this Agreement is held to be invalid in any judicial action, it shall be severed from this Agreement and the remaining terms will be unaffected.
- j. Third Parties. Nothing contained in this Agreement shall create a contractual relationship with, or a cause of action in favor of, a third party against any or all of the Parties.
- k. Binding Effect. The terms, covenants, and conditions contained in this Agreement shall be binding upon and inure to the benefit of the Parties hereto and their respective legal representatives, successors and assigns and any person or persons, natural or corporate, claiming through or under them, or any of them.
- l. Assignment. No assignment of this Agreement or any Party's rights, interests or obligations hereunder may be made without the other Party's consent, which shall not be unreasonably denied, withheld, delayed or conditioned.
- m. The obligation of Harwich to pay Chatham the Capacity Purchase Fee and its proportionate share of the improvements to the System required to deliver wastewater to the WPCF, including the construction of conveyance infrastructure, shall be subject to appropriation. Notwithstanding the legal requirement for an appropriation, any failure of Harwich to pay any sum due hereunder to Chatham in a timely basis shall constitute a material breach of the terms hereof for purposes of Article 18.2.

[Signature page follows]

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized officers and their respective seals to be affixed as of the dates given below.

Board of Selectmen, Town of Chatham



Dean P. Nicastro

Sharon Davis

Jeffrey Bue

Andrew V. Love

Board of Selectmen, Town of Harwich



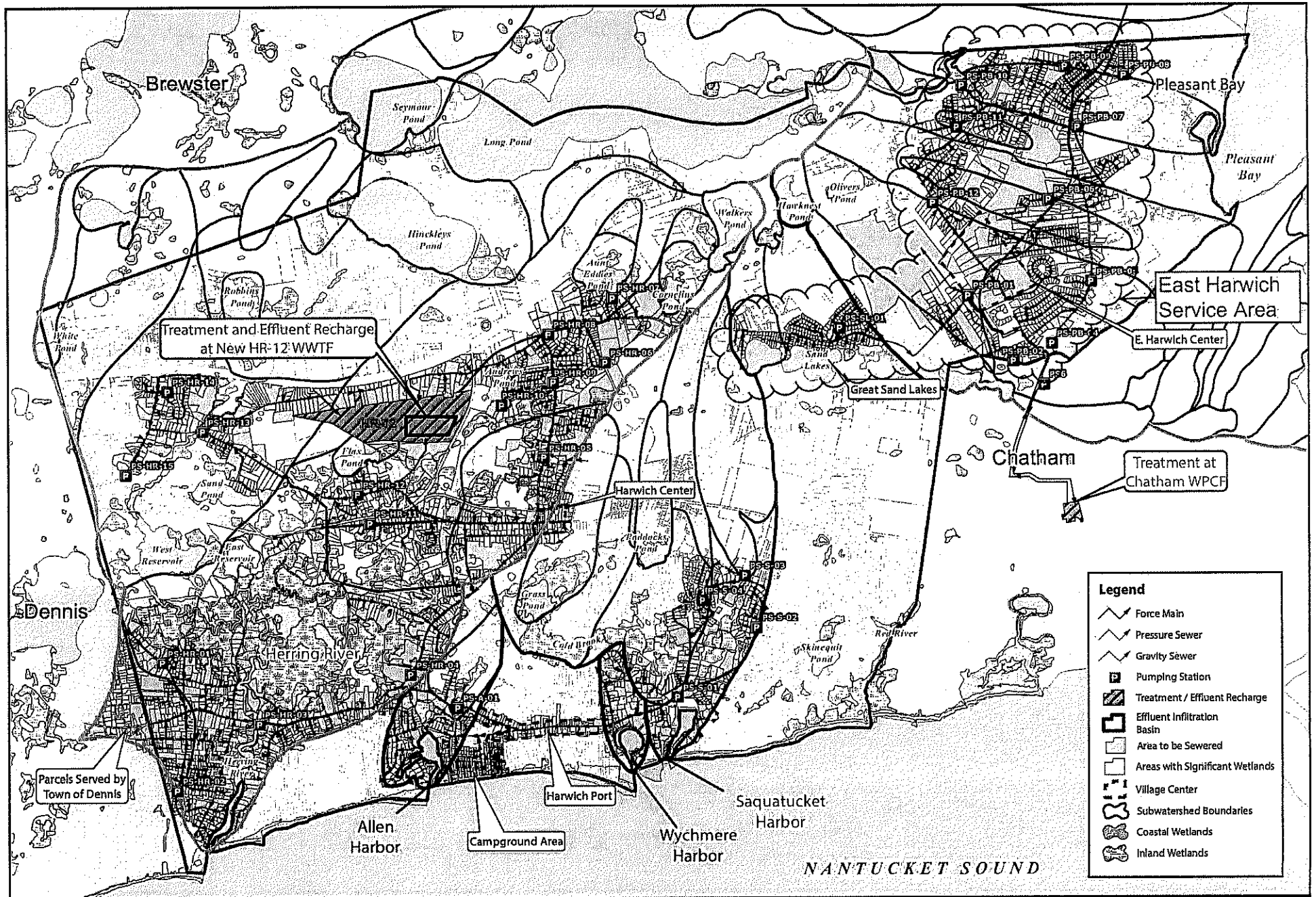
Jim Lavane

R. Howell

Larry Ballantyne

Exhibit A

East Harwich Service Area

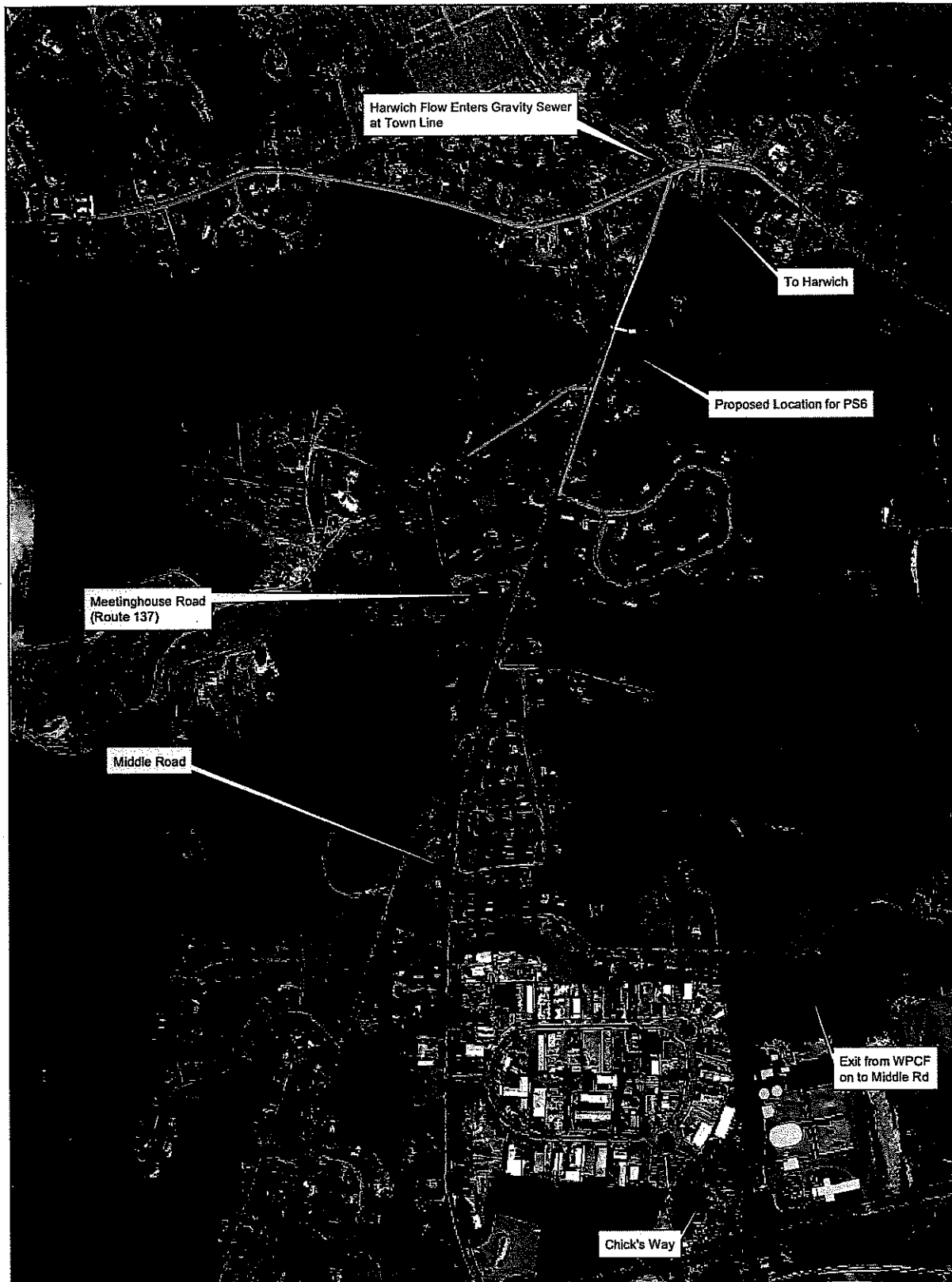


Town of Harwich
Comprehensive Wastewater
Management Plan

Figure 13-1
Recommended Areas to be Sewered

**CDM
Smith**

Exhibit B
Connection Point



Legend

- | | | |
|------------|---------------|-----------------|
| Force Main | Gravity Sewer | Manholes ● |
| 10" — | 8" — | New Buildings ■ |
| | 12" — | |



Paper Size ANSI B

Map Projection: Lambert Conformal Conic
 Horizontal Datum: North American 1983
 Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet



CDM Smith Inc.
 Harwich Comprehensive
 Wastewater Management Plan
 Site 6 Gravity
 and Force Main Extents

Job Number | 86-14959
 Revision | A
 Date | 11 Jun 2012

Figure 5

1545 Iyannough Rd Hyannis MA 02601 USA T 774-470-1630 F 774-470-1631 E hysmail@ghd.com W www.ghd.com
 © 2012. While every care has been taken to prepare this map, GHD (and DATA CUSTODIAN) make no representation or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any statements, errors, omissions and/or omissions (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unusable in any way and for any reason.
 Data source: Data Custodian, Data Set Name/Type, Version/Date. Created by: ghdl

Exhibit C

O&M Expenses



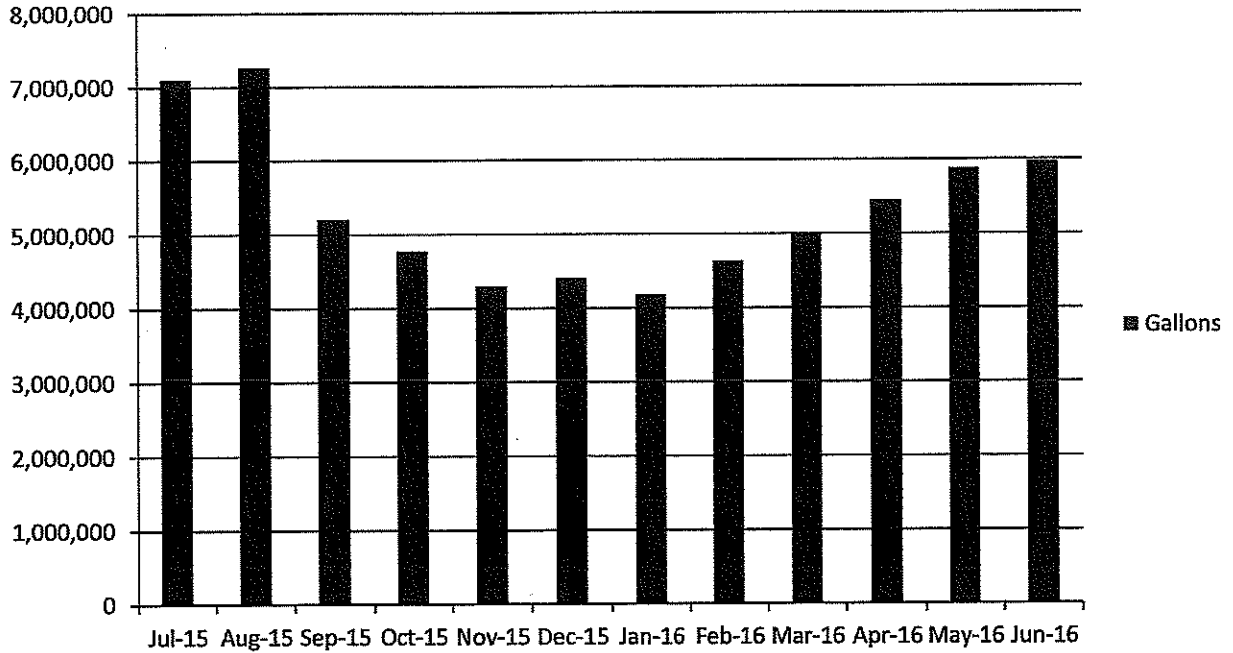
Department Detail

FY 2018 Budget		Dept - 443 Sewer			Department Detail		
	FY 2015 Actual	FY 2016 Actual	FY 2017 Budget	FY 2017 YTD 12/31/16	FY 2018 Dept Req	Supplemental Request	FY 2018 Town Manager
5110	Regular Wages	22,884	27,021	22,753	10,971	-	23,910
5120	Temporary Wages	-	-	-	-	-	-
5130	Overtime	-	-	-	-	-	-
5141	Longevity	-	-	-	-	-	-
	Personnel Services	22,884	27,021	22,753	10,971	0	23,910
5200	Purchase of Services	-	8,083	500	-	500	500
5203	Testing	17,261	17,225	20,000	9,259	20,000	18,500
5209	Electric WWFT	106,099	116,207	140,000	69,713	140,000	132,000
5210	Electric-Pump Station	37,511	35,168	45,000	16,658	45,000	49,000
5212	Gas Heat	35,528	24,709	40,000	3,603	40,000	37,300
5249	Plant Maintenance	107,763	100,603	90,000	63,935	90,000	120,000
5289	Solid Waste Disposal	26,537	32,831	26,000	14,066	26,000	42,000
5307	Contract Services	487,630	497,410	507,190	252,780	516,970	516,970
5312	Traffic Control/Public Safety	6,584	7,958	5,000	5,786	5,000	10,400
5317	Professional/Legal/Consulting	7,630	3,652	5,000	1,874	5,000	5,000
5340	Telecommunications	-	-	500	-	500	(500)
5343	Advertising	129	185	500	-	500	500
5344	Printing	420	-	100	-	100	100
5345	Postage	183	47	100	-	100	100
5400	Operational Supplies	585	2,643	500	-	500	500
5420	Office Supplies	212	416	250	577	250	250
5430	Building & Grounds Maintenance	-	175	500	-	500	500
5432	Chemicals	36,696	34,308	30,000	19,287	30,000	36,000
5481	Vehicle & Equipment Maint	9,999	6,028	4,800	2,705	4,800	6,300
5705	Meetings/Dues & Travel	189	-	250	-	250	250
5800	Capital Outlay-Operating	-	-	200	-	200	(200)
5805	Ground Water Monitoring	23,806	20,850	24,000	-	24,000	24,000
	Expenses	904,761	908,498	940,390	460,243	950,170	1,000,170
	Total Sewer	927,645	935,518	963,143	471,214	974,080	1,024,080

Exhibit D

WPCF Flow

Total Monthly Effluent Flows July 2015 to June 2016



Average Daily Effluent Flows July 2015 to June 2016

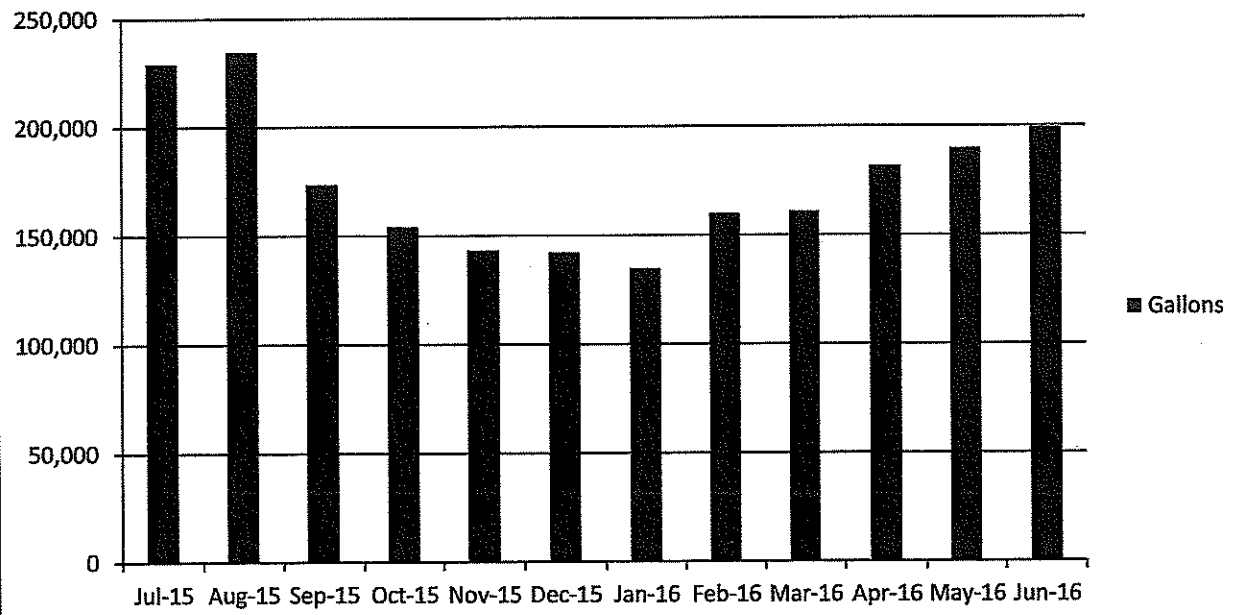


Exhibit E

Draft Preliminary Design Memorandum M-1B Flows and Loadings



From: J. Jefferson Gregg, P.E.
Date: April 21, 2006
Re: Chatham, MA Preliminary Design
Flows and Loadings

Purpose of Memo

The purpose of this memorandum is to summarize the development of wastewater flows and loadings for the Town of Chatham (Town) to be used in the preliminary design of wastewater facilities.

Average Wastewater Flows Development

To remain consistent with the facilities planning process to date and the Massachusetts Estuaries Project Efforts, the Town's existing water consumption data has been used as the basis for the future Wastewater Treatment WWTF design flows and loadings.

The following is a summary of the Town's water data analysis and how it is being applied to this project:

1. 2002-2003 Water data (provided by the Town – summer to summer, and used as part of the Massachusetts Estuaries Project (MEP)). Currently approximately 90 percent of the Town is on public water.
2. Ninety percent reduction applied to convert water use to wastewater generation (facilities plan, and MEP). This 90% reduction is based on an analysis of the wastewater flows to the existing Chatham WWTF.
3. Calculated average water use per parcel for those parcels without known irrigation systems, as identified by Town.
4. Actual water data was used where available, if no water data was available the following approach was used:
 - a. Average water use for single family home was estimated to be 120 gpd/parcel (rounded to two significant figures). Estimations based on the parcel by parcel analysis.
 - b. For non-single family homes, estimated water use assigned to these parcels was based on the average water use of parcels with the same state class code (similar property type).
 - c. Build-out parcels (future) were assigned 120 gpd/parcel.
5. Build-out projections based on the approach established as part of the facilities planning effort and accepted by the Town and Cape Cod Commission (CCC).



6. Existing developed-properties wastewater flow compared to projected build-out flow, and the higher of the two values used.

7. Additional build-out criteria used, as agreed upon with the Town:

- Residential properties are redeveloped to full extent based on current zoning.
- Commercial and Industrial, vacant-developable land is converted to residential.
- All other existing uses remain the same.
- Maps were reviewed with the Town and site specific modifications were made.

Wastewater Flows and Peaking Factors

Table 1 presents the average flows seen at the existing Chatham wastewater treatment facility, generated from the existing collection system.

TABLE 1

EXISTING WWTF FLOWS (2002-2005)

CONDITION	FLOW (MGD)
Average Flow	0.10
Minimum Month Flow	0.07
Maximum Month Flow	0.16

Water use and wastewater flow peaking factors were evaluated and compared to TR-16. The peaking factors considered for the preliminary design are presented in Table 2. As part of the evaluation, both the wastewater flows recorded at the existing WWTF and the drinking water well pumping records were evaluated for the following reasons:

- The limited size of the existing collection system may not be representative of the Town demographics.
- Existing WWTF peaking factors may represent a more year round population and might not be representative of the entire Town (if sewerred).
- Town water supply well pumping records are more likely to show the seasonal impacts of the entire Town.
- Well pumping records also reflect higher peak pumping rates in the summer because of additional uses like car washing, lawn irrigation, etc, and therefore would require downward adjustments to the wastewater estimate.
- Well pumping does not equate to 100% wastewater generation, and therefore should not be considered as the sole means of estimating peaking factors.

Therefore, peaking factors falling between those seen at the WWTF and from the well pumping records were considered as a reasonable approximation of those for a Townwide system and were compared to estimated TR-16 values, for validation purposes. The peak day and peak hour estimates



were well within the range recommended by TR-16. TR-16 does not have estimates for summer average, minimum month or maximum month flows.

TABLE 2
PEAKING FACTORS

CONDITION	EXISTING WWTF ⁽¹⁾	TR-16 ⁽⁵⁾	PROPOSED
Minimum Month	0.7		0.5
Summer Average ⁽²⁾	1.3		1.6
Maximum Month ⁽³⁾	1.6		1.9
Peak Day ⁽⁴⁾	1.8	2.1	2.2
Peak Hour		3.4	3.4
Notes: 1. Based on 2002 through 2005 data 2. Three month average (June, July, and August) divided by average annual 3. Maximum month divided by average annual 4. Peak day divided by average annual 5. TR-16 estimates based on average annual flow of 1.5 mgd			

Summer average flows during the years 2002 through 2005 were evaluated for June through August, June through September and July through September. The highest average summer flow occurred during the June through August period, although all three periods yielded similar results.

Table 3 presents the Townwide wastewater flow estimates. Existing average annual flow and build-out flows are based on the previously agreed upon approach. Peaking factors are then applied to calculate the remaining build-out flows. Build-out is considered the design conditions for this project.

TABLE 3
TOWN-WIDE FLOW ESTIMATES
(not including I/I)

CONDITION	FLOW (MGD)
Existing (2003) Average Annual Flow ⁽¹⁾	1.0
Build-out (BO) Average Annual Flow	1.3
BO Summer Average Flow	2.1
BO Minimum Month Flow	0.86
BO Maximum Month Flow	2.5
BO Peak Day Flow	2.9
BO Peak Hourly Flow	4.5
Note: 1. Calculated flow based on 2002-2003 water data and existing Town wide land use and units based on 2004 Town assessors data.	



The future Chatham collection system will be a new system over very significant areas of Town. The new gravity PVC sewers and manhole joints and covers will be gasketed. Portions of the Town will be low pressure sewers. All new connections will be wye-connections with new laterals to the house, and no roof leaders or sump pumps and/or foundation drain connections will be allowed under any condition. In addition, public education programs should be employed to prevent illegal connections. Because of this, inflow is expected to be negligible.

Table 4 summarizes the projected Infiltration and Inflow (I/I) estimates for the collection system. The "startup" condition is based on the existing collection system and an infiltration rate of 500 gpd/in-mile (based on TR-16). I/I was calculated based on the preliminary sewer layouts developed at the time of this memorandum, and based on 8-inch diameter pipe, and using an I/I rate of 500 gpd/in-mile. I/I for laterals is based on 500 gpd/in-mile for approximately 5,100 4-inch connections each approximately 80 feet long. Estimated length based on Town-wide average distance of building to property line based on GIS information. Although 500 gpd/in-mile is on the high end of the TR-16 range for just infiltration, for this preliminary design it will be used to represent infiltration and inflow.

TABLE 4

INFILTRATION / INFLOW ESTIMATE

CONDITION	FLOW (GPD)
Existing Collection System	20,000
Preliminary Gravity Sewer Layout	350,000
Laterals (All Phases)	160,000
Total	530,000

The proposed sewer areas presented in Table 4 are based on future areas of Town to be sewered as presented in a memorandum to the Town dated June 7, 2005 and entitled Wastewater System Implementation Capital Improvement Planning Items.

Once the proposed sewer layouts are finalized, the estimated I/I values will be adjusted. At this time, the lengths of pressure sewers and gravity sewers have not been finalized. I/I values are not peaked and represent the condition of maximum I/I occurring under any flow condition.

Table 5 presents the proposed WWTF design flows, which are the total of the Townwide flows under build-out conditions presented in Table 3 and the I/I flows presented in Table 4.



TABLE 5

TOTAL PROPOSED WWTF DESIGN FLOWS ⁽¹⁾

CONDITION	FLOW (MGD)
Startup Minimum Month Flow	0.08
Average Annual Flow	1.9
Average Summer Design Flow	2.7
Minimum Month Design Flow	1.2
Maximum Month Design Flow	3.1
Peak Day Design Flow	3.5
Peak Hourly Design Flow	5.1
Note: 1. Includes I/I	

Maximum month flows and loadings will be critical for meeting any effluent nitrogen limit. Peak flows are also critical for process design and hydraulic considerations and effluent disposal. Also, with continued reconstruction of homes in Chatham, it is quite possible that a higher proportion of year-round residents may eventually reside in Town. However, such projections are not available at the time of this technical memorandum, so for planning purposes the present distribution of seasonal and year-round properties (outside of the projected growth due to Build-out) would remain the same in the future. To minimize the impact of future conversion of seasonal to year round homes, the facility will also consider a summer average flow rate and loading, which would account for the majority of the potential residential sewer users in the future. However the fact that the facility will be designed around maximum month and peak day conditions will address this increase in flow and loading.

Development of Loadings

Table 6 presents TR-16 factors for loading variability.

TABLE 6

TR-16 LOADING FACTORS

CONDITION	MAXIMUM MONTH	PEAK DAY
BOD	1.14	1.8
TSS	1.3	2.1



Table 7 presents the existing loadings for the Chatham WWTF (2002-2005).

TABLE 7
EXISTING WWTF FLOWS AND LOADINGS (2002-2005)

CONDITION	AVERAGE	MINIMUM MONTH	MAXIMUM MONTH
Flow, mgd	0.1	0.08	0.16
BOD ₅ , lb/day	180	70	420
TSS, lb/day	180	80	300
TKN, lb/day	30	10	60
Ammonia, lb/day	20	< 10	40
Note: Flows and loadings represent a 4 year average (through October 2005) Rounded to two significant figures			

Table 8 presents the flows and loads for the entire WWTF (Phase 1 and 2). Loadings were based on concentrations currently seen at the existing WWTF, increased with build-out estimates, and TR-16 factors were applied for Maximum Month and Peak Day conditions for TSS, and BOD.

TABLE 8
WWTF DESIGN FLOWS AND LOADINGS

CONDITION	STARTUP ⁽³⁾	AVERAGE ANNUAL	DESIGN SUMMER AVERAGE	MINIMUM MONTH	MAXIMUM MONTH	PEAK DAY	PEAK HOUR ⁽²⁾
Flow, mgd	0.08	1.9	2.7	1.2	3.1	3.5	5.1
BOD ₅ , lb/day ⁽¹⁾	100	3,200	6,200	1,400	7,400	8,500	-
TSS, lb/day ⁽¹⁾	160	3,400	5,900	2,200	7,000	8,100	-
TKN, lb/day	20	600	900	200	1,100	1,300	-
Ammonia, lb/day	10	400	600	100	800	900	-
Notes: 1. BOD and TSS loadings for Maximum Month and Peak Day adjusted based on recommended Loading Factors listed in Table 8. 2. Peak Hour loadings not calculated. 3. Start-up loadings based on 2005 data.							

For design purposes, seasonal correlations were developed showing under what temperature conditions the facility might see its maximum loading conditions. This impacts the sizing of the facility.



TABLE 9

SEASONAL CORRELATION OF FLOWS AND LOADS

SEASON	DESIGN FLOW	DESIGN LOAD	DESIGN AVERAGE MONTHLY TEMPERATURE (DEGREES C)
Dec-Feb	Use Min. Month	Use Min. Month	7
March-May	Use Average Design Flow	Use Average Design Flow	10
June-Aug	Use Max Month	Use Max Month	20
Sept-Nov	Use Average Design Flow	Use Average Design Flow	16

WWTF Phasing

Preliminary design of the WWTF is based on two phases, based on a preliminary division of the Town to address potential sewerage options. Phase I flows would cover portions of the Town located generally south of Route 28, and Phase II would encompass the remaining areas of Town.

Table 10 summarizes the approximate flow split.

TABLE 10

PHASED WWTF DESIGN FLOWS ⁽¹⁾

CONDITION	PHASE I FLOWS (MGD)	PHASE II FLOWS (MGD)
Startup Minimum Month Flow	0.08	0.8
Average Annual Flow	1.3	1.9
Average Summer Design Flow	1.8	2.7
Minimum Month Design Flow	0.8	1.2
Maximum Month Design Flow	2.1	3.1
Peak Day Design Flow	2.3	3.5
Peak Hourly Design Flow	3.5	5.1
Note: 1. Includes I/I		



Other Flow Considerations

1. Future Harwich Sewer Extensions:

The Town is currently in discussions with the Town of Harwich regarding the possible extension of any proposed collection system into Harwich. This would require an inter-municipal agreement between the two Towns establishing the quantity of flow and other requirements. No flow estimate is available at this time, and the ultimate ability of Chatham to extend sewers into Harwich will be dependant on the effluent disposal capacity of the Town of Chatham.

2. Septage:

As identified in the 1999 Needs Assessment Report (Table 5-8), "Septage and grease are treated in the sludge holding tanks and the decant liquid and belt filter press filtrate from these flows have minimal contributions to the wastewater treatment process." Therefore for this analysis concentrations from septage are considered to have minimal impact on the new WWTF. Also, the Town of Chatham only receives septage from the Town, therefore as more of the Town is sewerred, an even smaller portion of the wastewater flow stream will originate from this source. However, the septage will be considered in the sludge processing and disposal calculations.

TOWN
ADMINISTRATOR'S
REPORT



TOWN OF HARWICH
OFFICE OF THE TREASURER/COLLECTOR
732 MAIN STREET, HARWICH, MA 02645
TEL: 508-430-7501 FAX: 508-430-7504

Amy Bullock
Treasurer / Collector

Nancy Knepper
Assistant Treasurer/Collector

Monthly Report to the Board of Selectmen

February 2021

Along with our regular weekly duties and responsibilities, which include but are not limited to processing payroll, receiving, reporting and depositing tax/water payments and departmental receipts, processing accounts payable checks, assisting Taxpayers and Employees with any requests and other various customer service, the following took place:

Collections

	FY 2021	FY 2020
Tax/Water Collections:	\$5,238,010.94	\$4,315,417.43
Tax lien Collections:	\$3,467.12	\$31,160.25
Departmental turnovers:	\$1,286,652.55	\$1,704,494.40
Total:	\$6,528,130.61	\$6,051,072.08

Disbursements

	FY 2021	FY 2020
Accounts Payable	\$2,334,106.52	\$2,088,759.18
Payroll	\$1,324,316.95	\$1,355,487.21
Total:	\$3,658,423.47	\$3,444,246.39

Respectfully submitted,
Amy Bullock
Treasurer/Collector

TOWN OF HARWICH, MASSACHUSETTS
SEWERAGE WORKS IMPROVEMENTS PHASE 2 – CONTRACT #1
ROBERT B. OUR COMPANY
SEWER PROJECT

CONSTRUCTION SCHEDULE – WEEKLY UPDATE

Date Submitted: March 8, 2021

One Week Look Ahead (03/08/21-03/12/21)

- Pump Station Crew # 1
 - Continue Working on Spence's Trace & RT 137 Pump Station Site
 - Continue Working on the Parshall Flume
 - Tentative RT 137 Station Delivery and Installation

Two Week Look Ahead (03/15/21-03/19/21)

- Pump Station Crew # 1
 - Continue Working on Spence's Trace & RT 137 Pump Station Site
 - Continue Working on the Parshall Flume

Three Week Look Ahead (03/22/21-03/26/21)

- Pump Station Crew # 1
 - Continue Working on Spence's Trace & RT 137 Pump Station Site
 - Continue Working on the Parshall Flume

Please note that this is a projected schedule and will be adjusted accordingly based on the Contractor's actual progress and the weather. On an as needed basis auxiliary crews will be performing testing, installing inverts, raising castings, paving , and performing general cleanup at various locations throughout the project area.

TOWN OF HARWICH, MASSACHUSETTS
SEWERAGE WORKS IMPROVEMENTS PHASE 2 – CONTRACT #2

CONSTRUCTION SCHEDULE – WEEKLY UPDATE

One Week Look Ahead (03/08-03/12)

- Pump Station Crew #1
 - Continue work at Church Street north and south pumping stations
- Sewer Crew #1
 - Flush and Clean Pipe Network

Two Week Look Ahead (03/15-03/19)

- Pump Station Crew #1
 - Continue work at Church Street north and south pumping stations
- Sewer Crew #1
 - Flush and Clean Pipe Network

Three Week Look Ahead (03/22-03/26)

- Pump Station Crew #1
 - Continue work at Church Street north and south pumping stations

Please note that this is a projected schedule and will be adjusted accordingly based on the Contractor's actual progress and the weather. On an as needed basis auxiliary crews will be performing testing, installing invert, raising castings, paving , and performing general cleanup at various locations throughout the project area.