

**BOARD OF WATER & WASTEWATER COMMISSIONER'S
MEETING AGENDA***
Harwich Water Department, 196 Chatham Road, Harwich MA
Thursday, July 20, 2023
11:30 a.m.

**As required by Open Meeting Law, you are hereby informed that the Town will be video and audio taping as well as broadcasting this public meeting. In addition, anyone in the audience who plans to video or audio tape this meeting must notify the Chairman prior to the start of the meeting.*

- I. CALL TO ORDER
- II. EXECUTIVE SESSION
- III. PUBLIC COMMENTS / ANNOUNCEMENTS
- IV. CONSENT AGENDA
 - A. Minutes
 - 1. June 22, 2023
- V. ABATEMENTS
 - A. 13 Kendall Ln
 - B. 20 Deer Meadow Rd
 - C. FY23 Q4 Internal Adjustments
 - D. FY23 Q4 Water Department Usage
- VI. OLD BUSINESS
 - A. Superintendent's Evaluation
 - B. Award Generator Bid
 - C. Drought Status- *Update*
- VII. NEW BUSINESS
 - A. Billing Update
 - B. Capital Plan
- VIII. SUPERINTENDENT'S REPORT
- IX. COMMISSIONER'S REPORT
- X. CORRESPONDENCE / ANY OTHER BUSINESS
- XI. NEXT MEETING: TBD
- XII. ADJOURNMENT

**Per the Attorney General's Office: The Board of Water Commissioners 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 are a person with a disability who requires an accommodation, contact the Water Department Office at 508-432-0304 x.0 or by email at customerservice@harwichwater.com.*

Authorized Posting Officer:

Tracey Alves | Board Secretary

Town Posting Date: _____

_____ | Town Clerk

- IV. CONSENT AGENDA
 - A. Minutes
 - 1. June 22, 2023

V. ABATEMENTS

A. 13 Kendall Ln

MUST BE FILED WITH THE HARWICH BOARD OF WATER COMMISSIONERS
NO LATER THAN THE DUE DATE WHICH THE WATER CHARGE BECAME A PART

TOWN OF HARWICH
WATER DEPARTMENT
APPLICATION FOR ABATEMENT

RECEIVED: 6/23/23
ACCOUNT: 01512

To the Board of Water Commissioners:

NAME OF APPLICANT: _____ hereby applies for abatement.
PROPERTY OWNER: _____
PROPERTY LOCATION: 13 Kendall Kendall Ln.
EMAIL ADDRESS: n/a
PHONE: _____ MOBILE: _____
TOTAL BILL AMOUNT: _____ WATER BILL #: 479916
AMOUNT REQUESTED: Removal of 25.00 late fee
REASON FOR ABATEMENT REQUEST (attach additional sheet if necessary) operation

On May 5th I had an operation on my knee and was out of work for 3 weeks with no income.

SIGNATURE OF APPLICANT: _____ DATE: 6/23/23

SUBMIT THIS FORM TO THE HARWICH WATER DEPT. 196 CHATHAM RD, HARWICH, MA 02645
ATTN: BOARD OF WATER/WASTEWATER COMMISSIONERS OR EMAIL TO: CUSTOMERSERVICE@HARWICHWATER.COM

Office Use Only	
Board of Water & Wastewater Commissioners:	
Meeting Date: _____	
Approved / Denied	Approved Amount: _____
Signatures:	
x)	x)
x)	x)
x)	Notes:

SEE REVERSE SIDE (PAGE 2) FOR RELATED REGULATIONS & APPEAL PROCESS

Accounts

Account: 01512

13 KENDALL LN. STIP MEMBER AS ### ONE-TIME LATE FORGIVENESS 2016
OF 11/8/13

7/17/23 CALLED TO UPDATE OWNER THAT BOWWC WILL REVIEW ON 7/20 AT 11:30 AM / L/M
6/23/23 OWNER FILED ABATEMENT REQUEST FOR LATE FEE. WILL CONTACT HER WHEN NEXT
BOWWC MEETING DATE IS DETERMINED.

4/24/18 PAYMENT PLAN REQUESTED. PAY PLAN SIGNED. TA
5/31/17 OWNER CALLED AND SHE IS RUNNING A PAYMENT INTO TOWN HALL TODAY. TA
4/12/17 PAYMENT PLAN REQUESTED.
3/21/7 PAID IN FULL.
12/8/16 PROVIDED ONE-TIME LATE FEE ADJ. AND SETUP/MAILED PAYMENT PLAN. SC

TOWN OF HARWICH - LIVE DATA



ACCOUNT SUMMARY

AR Category: 60

Form Type: A ACCOUNT DETAIL

Account # Location	Customer Name	Date	Bill#	P	Service #	Type	Parcel	Interest Due Curr Read #	Usage	Ending Balance Amount	Total Due	
01512 13	KENDALL LN 301499				NH MA 02645		78/D23-R			.00	89.84	89.84
		06/30/2023	490353		3STIP -001	Charge				17.00		
		06/30/2023	490353		1WATER-001	Charge		818000	2000	47.84		
		06/23/2023	479916		-001	Pmt Pr	CASH			-17.00		
		06/23/2023	479916		-001	Pmt Pr	CASH			-50.68		
		06/15/2023	479916		LFEES -001	Penlty				25.00		
		04/10/2023	479916		3STIP -001	Charge				17.00		
		04/10/2023	479916		1WATER-001	Charge		816000	4000	50.68		
		04/05/2023	469426		-001	Pmt Pr	CHECK			-25.00		
		04/05/2023	469426		-001	Pmt Pr	CHECK			-17.00		
		04/05/2023	469426		-001	Pmt Pr	CHECK			-50.68		
		04/03/2023	469426		LFEES -001	Penlty				25.00		
		12/30/2022	469426		3STIP -001	Charge				17.00		
		12/30/2022	469426		1WATER-001	Charge		812000	4000	50.68		
		10/28/2022	459009		-001	Pmt Pr	BANK XFER			-17.00		
		10/28/2022	459009		-001	Pmt Pr	BANK XFER			-49.26		
		09/26/2022	459009		3STIP -001	Charge				17.00		
		09/26/2022	459009		1WATER-001	Charge		808000	3000	49.26		
		08/01/2022	448347		-001	Pmt Pr	BANK XFER			-17.00		
		08/01/2022	448347		-001	Pmt Pr	BANK XFER			-53.10		
		06/30/2022	448347		3STIP -001	Charge				17.00		
		06/30/2022	448347		1WATER-001	Charge		805000	6000	53.10		

** END OF REPORT - Generated by Tracey **

V. ABATEMENTS
B. 20 Deer Meadow Rd

Customer Service - Harwich Water

From: [redacted] <[redacted]@aol.com>
Sent: Monday, July 17, 2023 1:34 PM
To: Customer Service - Harwich Water
Subject: Late Fees on Water Bill

Attention Tracy

My wife passed away on June 21 2022. The monthly water bills were being sent to her email address Gloriagos@aol.com. I had no access to these bills. I was contacted by the Water Department informing me of the problem.

I am asking that all the late charges be removed from my bill and that I pay only current usage bills.

I filled out an Abatement form on June 20 2023 but I am told that the water Dept never received the form.

I was told today by Tracy that I take a photo of the original form and send it in.

Attached is a picture of the original form.

Please let me know that you have received this email

Thanks



Harwich Water & Wastewater Department

Contact Us

Enter Search...

- Home
- About Us
- Customer Service
- News & Events
- Water Quality
- Water Protection
- Water Conservation
- Wastewater

home >> customer service >> paying your bill >> abatement application

- Address Change
- Contact Us
- Notification System
- Find It Fast
- Forms
- Paying Your Bill
 - Pay Now
 - Rates and Fees
 - Bill Schedule
 - Bill Assistance
 - Abatement Application
 - Abatement Application
- Register Account Online
- Report a Violation
- Services Offered
- Service Tight Protection Plan
- Wastewater Plans for Phase 2

Water Use Charge Application For Abatement

[Billing Schedule](#) | [Bill Assistance](#) | [Rules & Regulations](#)

Water Rules and Regulations

3.8 Claims for Adjustments on Bills All claims for adjustments of water bills shall be made within thirty (30) days of the billing due date. Abatements will be made for clerical errors, misreads or failure of Department equipment. Abatements will not be issued for water leaks or high consumption, unless otherwise determined by the Board of Water/Wastewater Commissioners.

When determining abatements for domestic water leaks (excluding irrigation leaks), usage from three similar usage quarters can be averaged and any usage above may be considered for adjustment at the first-tier rate as a one-time disaster forgiveness occurrence.

You will receive notification from our office upon receipt of abatement.

Abatement Application

Name of Applicant*

Mailing Address*

City/Town*

State*

Zip/Postal Code*

Phone Number*

Mobile Phone Number

Email Address*

The above named person, aggrieved by a Water Use Charge, hereby applies for an abatement

Date of Water Use Charge*

Name of Person Assessed (Owner)*

Location and Description of Property*

Total Amount Assessed*

Total Amount Requested*

If request is for Water Usage, what is the requested amount?

If request is for a late fee, what is the requested amount?

If request is for another reason, what is the requested amount?

Reason For Abatement Request*

SUBSCRIBED THIS DAY UNDER PENALTIES OF PERJURY*

Accounts

Account: 06279

. 20 DEER MEADOW RD. \$\$\$ 1X LATE 3/24/23

7/17/23 OWNER IS SENDING OVER ABATEMENT REQUEST FOR FOR LATE FEE.

3/24/23 ONE-TIME LATE FEE REMOVAL PROCESSED.

3/16/23 INSTALLED SERVICE FROM MAIN TO HOUSE. NO METER YET. / BILLED IN ERROR.
REMOVED FROM THIS ACCOUNT 6/1310/2/13 GLORIA SENT IN AN EMAIL BECAUSE HER INVOICE BILL HAS A BALANCE DUE OF
ZERO AND SHE HASNT PAID IT YET ON INVOICE CLOUD. TA

8/27/13 REPLACED SERVICE FROM MAIN TO STOP. WM

7/23/13 SERVICE REPAIR NEEDED PER SH. ANNA

10/16/12 UPDATE MAILING ADDRESS PRE EMAIL.AB

4/6/12 C/O METER & INSTALLED RADIO 2453450

3/29/12 WE NEED TO CHANGE METER. EMAIL SENT. WM

2/26/10 PROPERTY TRANSFER

2/17/10 FINAL READ 2381000

2/4/10 FINAL READ REQUESTED. AN

TOWN OF HARWICH - LIVE DATA



ACCOUNT SUMMARY

AR Category: 60

Form Type: A ACCOUNT DETAIL

Account # Location	Customer Name	Date	Bill #	Service #	Type	Parcel	Interest Due Curr Read #	Usage	Ending Balance Amount	Total Due
06279	DEER MEADOW RD	47618		EM MA 02645		88/R14-R		.00	151.36	151.36
		06/30/2023	495118	1WATER-001	Charge		880000	4000	50.68	
		06/13/2023	488672	INSMAT-001	Adj				-1270.17	
		06/13/2023	488672	INSLAB-001	Adj				-925.00	
		06/13/2023	488672	APPFEE-001	Adj				-50.00	
		04/24/2023	488672	INSMAT-001	Charge				1270.17	
		04/24/2023	488672	INSLAB-001	Charge				925.00	
		04/24/2023	488672	APPFEE-001	Charge				50.00	
		06/15/2023	484679	LFEE -001	Penlty				25.00	
		04/10/2023	484679	1WATER-001	Charge		876000	4000	50.68	
		04/07/2023	474188	LFEE -001	Adj				-25.00	
		04/03/2023	474188	LFEE -001	Penlty				25.00	
		02/21/2023	474188	-001	Pmt Pr	BANK XFER			-27.10	
		12/30/2022	474188	LFEE -001	Charge				.00	
		12/30/2022	474188	1WATER-001	Charge		872000	5000	52.10	
		02/21/2023	463770	-001	Pmt Pr	BANK XFER			-25.00	
		02/21/2023	463770	-001	Pmt Pr	BANK XFER			-48.88	
		02/21/2023	463770	-001	Pmt Pr	BANK XFER			-25.00	
		12/13/2022	463770	LFEE -001	Penlty				25.00	
		09/26/2022	463770	1WATER-001	Charge		867000	14000	73.88	
		07/11/2022	453110	-001	Pmt Pr	BANK XFER			-54.45	
		06/30/2022	453110	-001	Pmt Pr				-1.35	
		06/30/2022	453110	1WATER-001	Charge		853000	8000	55.80	

** END OF REPORT - Generated by Tracey **

V. ABATEMENTS
C. FY23 Q4 Internal Adjustments

Water & Wastewater Department
FY23 Q4 INTERNAL A/R ADJUSTMENTS

Board of Water & Wastewater Commissioners

Total -\$13,793.26
 Meeting Date 04/27/23

Gary Carreiro _____
 Judith Underwood _____
 Allin Thompson _____
 Noreen Donahue _____
 John Gough _____

EFF DATE	PER	JOURNAL	SRC	REF3	REF1	AMOUNT
04/07/23	10	66	UBM	1WATER	40723	-1.42
04/11/23	10	115	UBM	1WATER	6627	130.07
04/11/23	10	115	UBM	1WATER	6627	-151.44
04/12/23	10	171	UBM	1WATER	41223	160.99
04/12/23	10	150	UBM	1WATER	41223	-18.94
04/18/23	10	190	UBM	1WATER	41823	-1.42
04/20/23	10	261	UBM	1WATER	42023	-24.67
04/20/23	10	260	UBM	1WATER	42023	-8.52
04/21/23	10	292	UBM	1WATER	42123	-17.20
04/21/23	10	291	UBM	1WATER	42123	-1.42
04/28/23	10	444	UBM	1WATER	42823	-200.00
04/28/23	10	443	UBM	1WATER	42723	-614.63
04/28/23	10	443	UBM	1WATER	42723	-450.57
04/28/23	10	443	UBM	1WATER	42723	-437.95
04/28/23	10	443	UBM	1WATER	42723	-336.99
04/28/23	10	443	UBM	1WATER	42723	-217.10
04/28/23	10	443	UBM	1WATER	42723	-198.17
04/28/23	10	443	UBM	1WATER	42723	-124.65
04/28/23	10	443	UBM	1WATER	42723	-124.65
04/28/23	10	443	UBM	1WATER	42723	-52.10
04/28/23	10	443	UBM	1WATER	42723	-47.84
04/28/23	10	443	UBM	1WATER	42723	-47.84
04/28/23	10	443	UBM	1WATER	42723	-46.42
04/28/23	10	443	UBM	1WATER	42723	-46.42
04/28/23	10	443	UBM	1WATER	42723	-45.00
04/28/23	10	443	UBM	1WATER	42723	-45.00
04/28/23	10	443	UBM	1WATER	42723	-45.00
04/28/23	10	443	UBM	1WATER	42723	-45.00
04/28/23	10	443	UBM	1WATER	42723	-45.00
04/28/23	10	443	UBM	1WATER	42723	-45.00
04/28/23	10	443	UBM	1WATER	42723	-45.00
05/09/23	11	134	UBM	NSF	5923	25.00
05/09/23	11	134	UBM	NSF	5923	25.00
05/09/23	11	134	UBM	NSF	5923	25.00
05/12/23	11	217	UBM	1WATER	51223	-8.68
05/15/23	11	274	UBM	NSF	51523	25.00
05/15/23	11	265	UBM	1WATER	51523	-14.52
06/07/23	12	105	UBM	3STIP	60723	-17.00
06/07/23	12	105	UBM	3SEASN	60723	-50.00
06/07/23	12	105	UBM	3SEASN	60723	-50.00

EFF DATE	PER	JOURNAL	SRC	REF3	REF1	AMOUNT
06/07/23	12	104	UBM	MATERL	60723	-231.90
06/07/23	12	104	UBM	SVCLAB	60723	-50.00
06/13/23	12	192	UBM	APPFEE	61323	-50.00
06/13/23	12	192	UBM	INSLAB	61323	-925.00
06/13/23	12	192	UBM	INSMAT	61323	-1,270.17
06/13/23	12	192	UBM	3SEASN	61323	-50.00
06/16/23	12	234	UBM	NSF	61623	25.00
06/30/23	12	431	UBM	1WATER	63023	-87.00
06/30/23	12	430	UBM	1WATER	63023	-28.88
06/30/23	12	429	UBM	1WATER	63023	-5.68
06/30/23	12	429	UBM	1WATER	63023	-2.84
06/30/23	12	428	UBM	1WATER	63023	-533.50
06/30/23	12	427	UBM	1WATER	63023	-34.82
06/30/23	12	426	UBM	1WATER	63023	-62.34
Total Service Adjustments						-6,496.63

DATE	TYPE	TYPE2	ACCT	ADDRESS	AMOUNT
04/04/23	6000	LFEE	473909	1 BELMONT RD, U134	-25.00
04/04/23	6168	LFEE	474077	84 SOUTH ST	-25.00
04/05/23	3986	LFEE	471896	57 NONS RD	-25.00
04/05/23	9092	LFEE	476992	98 HEADWATERS DR	-25.00
04/07/23	3738	LFEE	471648	15 SUGAR HILL DR	-25.00
04/18/23	10239	LFEE	478130	1320 ORLEANS RD	-25.00
04/20/23	102	LFEE	478510	53 PLEASANT ST	-25.00
04/21/23	4365	LFEE		19 DRIFTWOOD	-25.00
04/24/23	4304	LFEE	472214	80 PLEASANT LAKE AV	-25.00
04/26/23	311	LFEE	468225	63 PARALLEL ST	-25.00
04/27/23	7035	LFEE	474944	2 ENGLEWOOD DR PIT	-25.00
04/28/23	1223	LFEE		38 WAH-WAH-TAYSEE	-25.00
04/20/23	4444	LFEE	472354	13 DRIFTWOOD CIR	-25.00
04/20/23	4426	LFEE	472336	37 DRIFTWOOD CIR	-25.00
04/20/23	4482	LFEE	472392	36 DRIFTWOOD CIR	-25.00
04/20/23	4488	LFEE	472398	9 DRIFTWOOD CIR	-25.00
04/20/23	4427	LFEE	472337	41 DRIFTWOOD CIR	-25.00
04/20/23	4480	LFEE	472390	46 DRIFTWOOD CIR	-25.00
04/20/23	4446	LFEE	472356	8 DRIFTWOOD CIR	-25.00
04/27/23	3767	LFEE		8 SEQUATTOM RD	-25.00
05/01/23	6003	LFEE		1 BELMONT RD, U141	-25.00
05/02/23	1196	LFEE	469110	21 WAH WAH TAYSEE	-25.00
05/02/23	12	LFEE	467928	321 BANK ST	-25.00
05/03/23	5862	LFEE	473771	1 GILBERT LN	-25.00
05/04/23	3004	LFEE	481406	47 WAH WAH TAYSEE	-25.00
05/09/23	2299	LFEE	470211	425 GREAT WESTERN	-25.00
05/09/23	6515	LFEE	474424	457 PLEASANT LAKE	-25.00
05/11/23	3182	LFEE	471093	447 GREAT WESTERN	-25.00
05/13/23	6633	LFEE	474542	10 ALADOE FARM LN	-25.00
05/17/23	4576	LFEE	472486	6 PHILLIP CT	-25.00
05/18/23	3227	LFEE	457065	7 LOUIS WAY	25.00
05/19/23	3330	LFEE	467806	54 WILLIAMSBURG AVE	25.00

DATE	TYPE	TYPE2	ACCT	ADDRESS	AMOUNT
06/13/23	4082	LFEE	471992	1163 ORLEANS RD	-25.00
06/28/23	979	LFEE		23 HOYT RD	-25.00
06/30/23	10035	LFEE	488420	26 PARTRIDGE LN	-25.00
06/21/23	1541	LFEE	479945	155 BELMONT RD	-25.00
Total Late Fees					-800.00
Total FY23 Q4 Internal Adjustments					-7,296.63

V. ABATEMENTS
D. FY23 Q4 Water Department Usage

Water & Wastewater Department
FY23 Q4 WATER DEPARTMENT USAGE

Board of Water & Wastewater Commissioners

Total **\$3,200.25**
 Meeting Date **07/20/23**

Gary Carreiro _____
 Judith Underwood _____
 Allin Thompson _____
 Noreen Donahue _____
 John Gough _____

BILL NUMBER	ACCT NO	CUSTOMER NAME	LOCATION	BILL AMOUNT
499030	10204	HARWICH/WATER DEPT	196 CHATHAM RD	\$305.44
498809	9981	HARWICH/WATER DEPT	139 NORTH WESTGATE RD	\$46.42
497167	9740	HARWICH/WATER DEPT	196 CHATHAM RD	\$45.00
498569	9735	HARWICH/WATER DEPT	205 PLEASANT BAY RD	\$45.00
498564	9734	HARWICH/WATER DEPT	205 PLEASANT BAY RD	\$45.00
498563	9733	HARWICH/WATER DEPT	139 NORTH WESTGATE RD	\$747.14
498561	9732	HARWICH/WATER DEPT	151 BAY RD	\$551.53
498560	9731	HARWICH/WATER DEPT	151 BAY RD	\$45.00
498559	9730	HARWICH/WATER DEPT	151 BAY RD	\$159.45
498558	9729	HARWICH/WATER DEPT	85 DEPOT RD	\$267.58
498557	9728	HARWICH/WATER DEPT	85 DEPOT RD	\$45.00
498556	9727	HARWICH/WATER DEPT	85 DEPOT RD	\$267.58
498555	9726	HARWICH/WATER DEPT	196 CHATHAM RD	\$65.12
498554	9725	HARWICH/WATER DEPT	196 CHATHAM RD (RAW)	\$45.00
496833	8337	HARWICH/WATER DEPT	1046 ORLEANS RD *PIT	\$50.68
491789	8003	HARWICH/WATER DEPT	196 CHATHAM RD	\$49.26
489192	2949	HARWICH/WATER DEPT	85 DEPOT RD	\$47.84
488994	349	HARWICH/WATER DEPT	196 CHATHAM RD (BLDG B)	\$47.84
498562	150	HARWICH/WATER DEPT	196 CHATHAM RD (BLDG A)	\$324.37
TOTAL FY23 Q4 WATER DEPARTMENT USAGE				\$3,200.25

VI. OLD BUSINESS

A. Superintendent's Evaluation

GOALS FOR SUPERINTENDENT

7/18/2023

LAST YEAR'S EVALUATION

Page 4, Item 10: **"Goals for Following Year"**

10. Goals & Objectives for Following Year (12 points) 3 attainable (3 pts), 1 possible (1 point) and 1 "if time permits" (2 pts)

- 1 Water: New Source Exploration
- 2 Water: New Well Construction
- 3 Water: Route 28 Water Main Construction
- 4 Wastewater: Route 28 Wastewater Design
- 5 Wastewater: CWMP Revisions
- 6 Wastewater: Additional Design; Phase 3

THIS YEAR'S EVALUATION

Page 1 & 2 Item A. **"Last Evaluation's Goals"**

A. Last Evaluation's Goals (if appl.) (20 points total)

- 1 CWMP-Develop proposed revisions to CWMP incorporating public input & new title 5 Watershed permit regulations
- 2 Phase 3 & Route 28 Collection System Design - Oversee design, PEF submittal, FY23 Construction appropriation
- 3 State 8 Generator & T-1 Generator - Bid & Installation
- 4 Route 28 water main replacement- ongoing coordination with DOT, PEF submittal, FY23 Construction Appropriation
- 5 Effluent Recharge site investigation & regional partnership
- 6 Cold Brook; ATM 17, added by BOS
- 7 Acquire Easements for Phase 3 & Rt 28; STM 22
- 8 ARPA Sand Lakes Project, added by BOS

Water & Wastewater Departments

OPEN & NEW ARTICLES

				FY23 071823
FUND	ORG	OBJECT	DESC	CY_REMAIN_BUD
400	04440A8	617011	ATM 17 #11 IMA PURCHASE FEE	3,376,092.01
400	04440A8	617012	ATM 17 #12 COLD BROOK PROJECT	1,771,653.54
400	04440A8	618014	ATM 18 #14 WW CONSTRUCT	3,154,350.82
1320	132045A2	619017	ATM 19 #17 T1 MAIN GENERATOR	65,000.00
400	04440A8	621001	STM 21 #1 CWMP UPDATE	16,381.77
400	04440A8	621002	STM 21 #2 ADD'L WW DESIGN P3	5,584.99
400	04440A8	621004	STM 21 #4 RTE 28 WW DESIGN	3,446.77
470	470	621023	ATM 21 LAND ACQUISITION	175,000.00
470	470	621025	ATM 21 RTE 28 WATER MAIN	14,802.00
470	470	621026	ATM 21 STATION 8 GENERATOR	50,000.00
470	470	622001	STM 22 #1 ACQUIRE PROP WW PROJ	105,000.00
470	470	622021	ATM 22 #21 WATER MAIN DESIGN	300,000.00
1320	132045A2	622023	ATM 22 #23 2 WATER DP VEHICLES	90,000.00
FY23 ATM / NEW ARTICLE			ATM 23 #17A PAVEMENT MGMT PLAN	175,000.00
FY23 ATM / NEW ARTICLE			ATM 23 #17B NEW WELL SOURCE EXPL P2	600,000.00
FY23 ATM / NEW ARTICLE			ATM 23 #19 WH RT28 SEWER MAIN	6,500,000.00
FY23 ATM / NEW ARTICLE			ATM 23 #20 WH RT28 WATER MAIN	17,500,000.00
FY23 ATM / NEW ARTICLE			ATM 23 #21 EH WW COLLECTION SYSTEM	50,000.00
FY23 ATM / NEW ARTICLE			ATM 23 #36 AMEND GEN BYLAW WATER	0.00
FY23 ATM / NEW ARTICLE			ATM 23 #42 ACQ OF EASEMENT 129 RT 28 WH WM PROJ	10,000.00

- VI. OLD BUSINESS
 - B. Award Generator Bid



Town of Harwich Water Department

196 Chatham Road, Harwich, MA 02645 USA * www.harwichwater.com
P. 508-432-0304 * F. 888-774-3557 * customerservice@harwichwater.com

DATE: July 19th 2023

TO: Board of Water & Wastewater Commissioners

SUBJECT: Recommendation to Award – Water Department Emergency Generators & Transfer Switches

On June 15th, 2023 at 2:00PM general bids were received, opened, and read aloud in the conference room located at 196 Chatham Rd. Harwich, MA for the Water Department Emergency Generators & Transfer Switches Bid. The Department received a total of 2 bids from the following vendors:

Bidder

FM Generator - \$123,150

South Shore Generator - \$137,295

Upon evaluating the bids FM Generator was determined to be the most responsive and responsible bidder as defined in the bid documents.

Pursuant to M.G.L. c. 30 § 39M the Bid was advertised as follows:

Central Register– May 3rd, 2023

Cape Cod Chronicle – May 4th & 11th 2023

COMMBUYS – May 3rd, 2023

Harwich Water Department – May 3rd, 2023

Funding for this project in the amount of \$115,000 was approved at 2019 ATM Article 17 (\$65,000) & 2021 ATM Article 26 (\$50,000). Where the town meeting appropriations are not sufficient to cover the full cost of the project, I recommend utilizing \$8,150 from the Building & Grounds Maintenance line item within the FY24 Water Department budget to fund the full cost of the project. As such, I recommend the Board award the contract in the amount of \$123,150 to FM Generator.

Respectfully,

Daniel R. Pelletier
Superintendent of Water of Wastewater
Town of Harwich

Harwich Water Department
 BID OPENING CHECKLIST

Bid Generators
 Opened By Sandra Sieger
 Witnessed By Tracey Alves

Date 6/15/2023
 Time 2:00pm

Vendor Contact Information	Certifications Required by Law			Insurance Form (y/n) & Amount	Price	Notes
	Tax Compliance	Non-Collusion	Public Contractor Department (Public Construction)			
SS Generator	✓	✓	ASHP ✓	✓	137,295.00	References ✓ Bid Bond ✓
FM Generator	✓	✓	✓	✓	123,150.00	References ✓ Bid Bond ✓

I declare (or certify, verify, or state) under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

Bid Opened by MCPPO Sandra Sieger x Sandra Sieger
 Bid Opening Witness Tracey Alves x Tracey Alves

REQUIRED BID SUBMITTAL FORM

WATER DEPARTMENT EMERGENCY GENERATORS AND AUTOMATIC TRANSFER SWITCHES FORM FOR GENERAL BID

To: Town of Harwich Water Department, Awarding Authority

From: SOUTH SHORE GENERATOR INC. Contractor

- A. For work as generally described below:
a. Furnish one emergency generator and one transfer switch along with other minor services for Water Department site: Main Plant, 196 Chatham Rd
b. Furnish one emergency generator and one transfer switch along with other minor services for Water Department site: Station 8, 161 BAY ROAD
B. Base Bid: The undersigned proposes to furnish all labor and materials required for the following lump sum:

Table with 3 columns: Bid Item, Bid Item Description, Price (in numbers). Rows include items 1a through 2c with descriptions like 'Main Plant Generator removal and disposal' and prices such as 3,500.00 and 79,500.00.

TOTAL Bid Price (add Bid Items 1a, 1b, 1c, 2a, 2b, and 2c (\$ 137,295.00)).

ONE HUNDRED THIRTY SEVEN THOUSAND TWO HUNDRED NINETY FIVE Dollars (written)

NOTE: in the case of a discrepancy between the written and the numerical representation of the bid, the written shall govern.

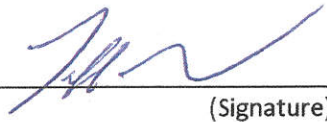
in accordance with accompanying plans and specifications as specified herein.

- C. This bid includes addenda numbered N/A.
D. The undersigned agrees that, if he is selected as general contractor, he will within five (5) days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the awarding authority, execute a contract in accordance with the terms of this bid and furnish a labor and materials payment bond...
E. The undersigned hereby certifies that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work and that he will comply fully with all laws and regulations applicable to awards made subject to section forty-four A of Chapter 149 of the Massachusetts General Laws.

F. The undersigned further certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity.

Date: 6/13/23

Name of Bidding Concern: SOUTH SHORE GENERATOR INC.

By: 
(Signature)

JEFF NASH SERVICE SALES REPRESENTATIVE
(Print Name & Title of Person Signing Bid)

MAILING: P.O. Box 567
(Business Address)

PHYSICAL: 2696A CRANBERRY HWY

EAST WAREHAM, MA 02538
(City and State)

WAREHAM, MA 02571

Telephone 508-295-7336

Fax 508-291-2544

E-mail address: jnash@ssgen.com

REQUIRED BID SUBMITTAL FORM

**WATER DEPARTMENT EMERGENCY GENERATORS
AND AUTOMATIC TRANSFER SWITCHES**

FORM FOR GENERAL BID

To: Town of Harwich Water Department, Awarding Authority

From: FM Generator INC Contractor

A. For work as generally described below:

- a. Furnish one emergency generator and one transfer switch along with other minor services for Water Department site: Main Plant, 196 Chatham Rd
- b. Furnish one emergency generator and one transfer switch along with other minor services for Water Department site: Station 8, 161 BAY ROAD

B. Base Bid: The undersigned proposes to furnish all labor and materials required for the following lump sum:

Bid Item	Bid Item Description	Price (in numbers)
1a	Main Plant Generator removal and disposal	\$ 500.00
1b	Main Plant New Generator (placed on equipment pad and otherwise furnish only)	\$ 54,500.—
1c	Main Plant transfer switch (furnish only)	\$ 7,500.—
2a	Station 8 Generator removal and disposal	\$ 500.—
2b	Station 8 New Generator (placed on equipment pad and otherwise furnish only)	\$ 53,500.—
2c	Station 8 transfer switch (furnish only)	\$ 6,650.—

TOTAL Bid Price (add Bid Items 1a, 1b, 1c, 2a, 2b, and 2c (\$ 123,150 .00).

ONE Hundred Twenty Three Thousand one Hundred and FIFTY Dollars

(written)

NOTE: in the case of a discrepancy between the written and the numerical representation of the bid, the written shall govern.

in accordance with accompanying plans and specifications as specified herein.

C. This bid includes addenda numbered NA.

D. The undersigned agrees that, if he is selected as general contractor, he will within five (5) days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the awarding authority, execute a contract in accordance with the terms of this bid and furnish a labor and materials payment bond, each of a surety company qualified to do business under the laws of the Commonwealth and satisfactory to the awarding authority and each in the sum of the contract price, the premiums for which are to be paid by the general contractor and are included in the contract price.

E. The undersigned hereby certifies that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work and that he will comply fully with all laws and regulations applicable to awards made subject to section forty-four A of Chapter 149 of the Massachusetts General Laws.

F. The undersigned further certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity.

Date: June 12, 2023

Name of Bidding Concern: FM Generator Inc

By: Michael Molway (Signature) Michael Molway Director (Print Name & Title of Person Signing Bid)

P.O. Box 528
(Business Address)

Chanton, MA 02021
(City and State)

Telephone 781-828-0026 Fax 781-828-1169

E-mail address: MMolway@FMGenerator.com



Town of Harwich Water Department
Board of Water & Wastewater Commissioners

196 Chatham Road, Harwich, MA 02645 USA * www.harwichwater.com
P. 508-432-0304 * commissioners@harwichwater.com

July 19th 2023

FM Generator Inc.
Attn: Michael Molway
P.O. Box 528
Canton, MA 02021

RE: Bid Award for Water Department Emergency Generators & Transfer Switches

Dear Mr. Molway,

The Harwich Water Department would like to thank you for your recent bid submittal to furnish and deliver Water Department Emergency Generators & Transfer Switches.

The Board of Water & Wastewater Commissioners meeting in official session on Thursday, July 20th, 2023, approved the recent bid submittal and are pleased to announce FM Generator as winner of the bid.

We look forward to continued business with your company. If you should have any questions, please feel free to contact Superintendent Daniel Pelletier at 508-432-0304 or by e-mail to: dpelletier@harwichwater.com.

Sincerely,

Gary Carreiro

Allin P. Thompson

Noreen Donahue

Judith Underwood

John Gough

Gary Carreiro
Chair

Allin P. Thompson
Vice Chair

Noreen Donahue
Clerk

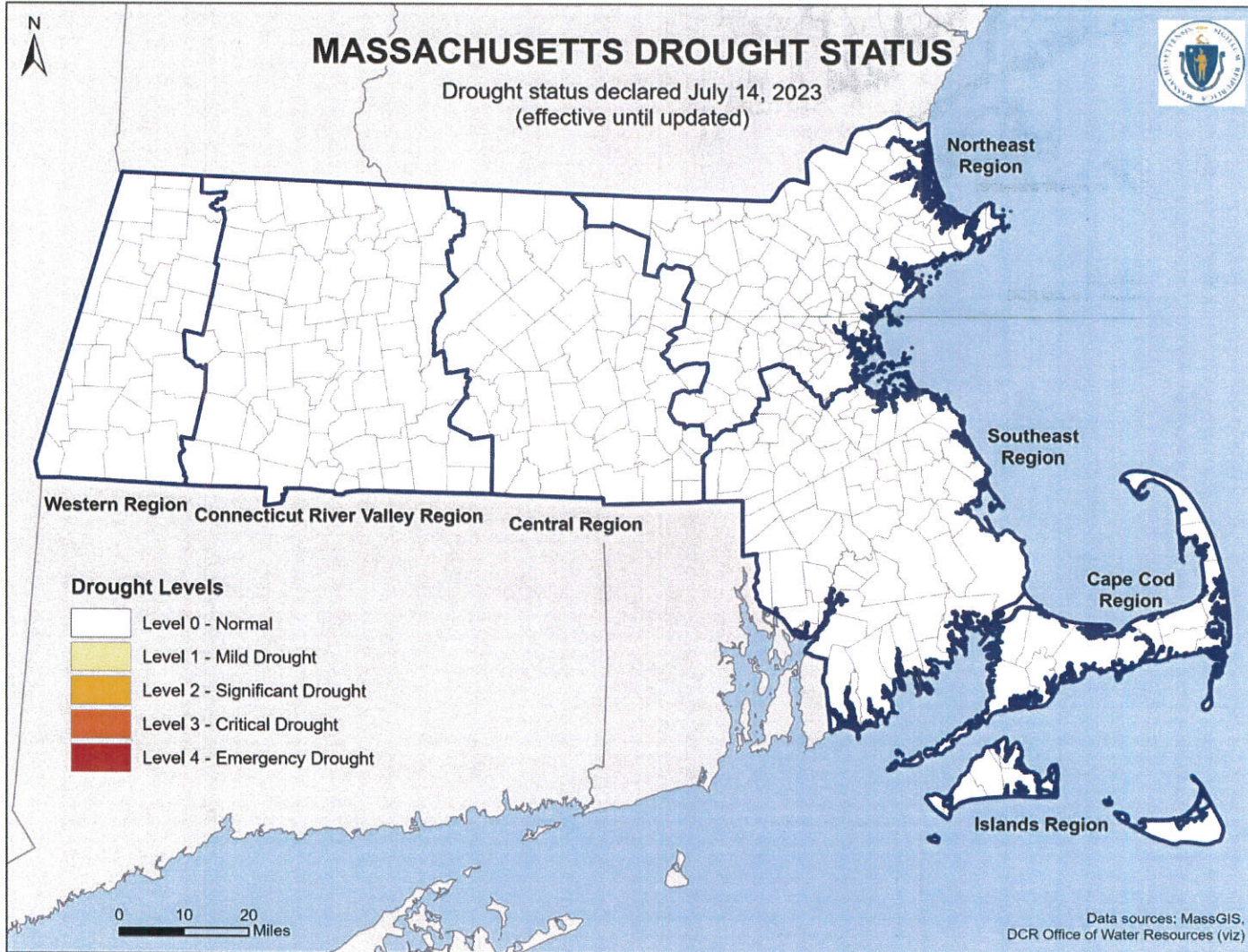
Judith Underwood
Commissioner

John Gough
Commissioner

VI. OLD BUSINESS

C. Drought Status- *Update*

Drought Status Map 7/14/23



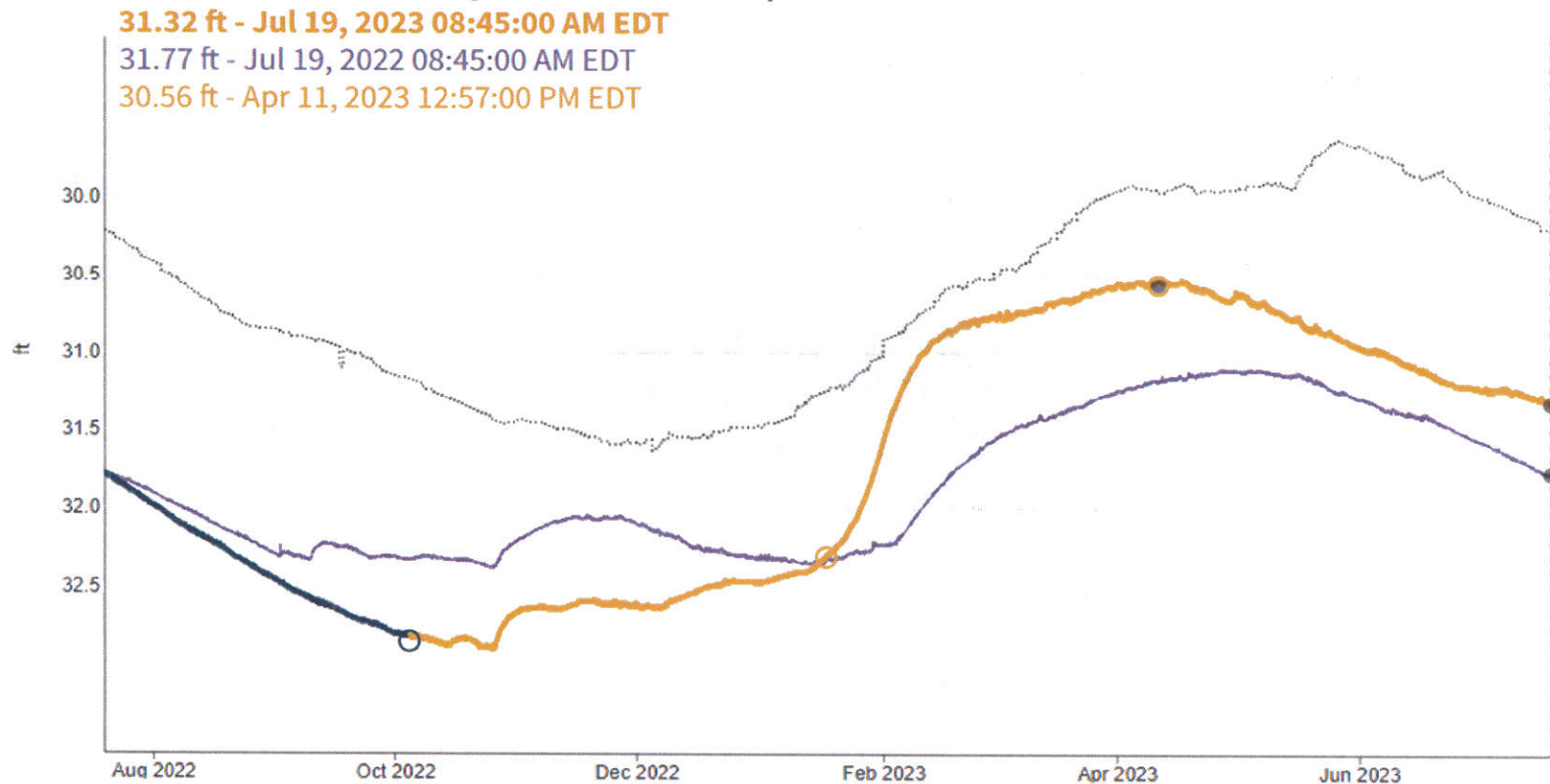
Year to Date Comparison

7 days 30 days 1 year

Ma-Bmw 22R Brewster, MA - 414632070014901

July 19, 2022 - July 19, 2023

Depth to water level, ft below land surface ⓘ



Last 30-Day Comparison

7 days 30 days 1 year

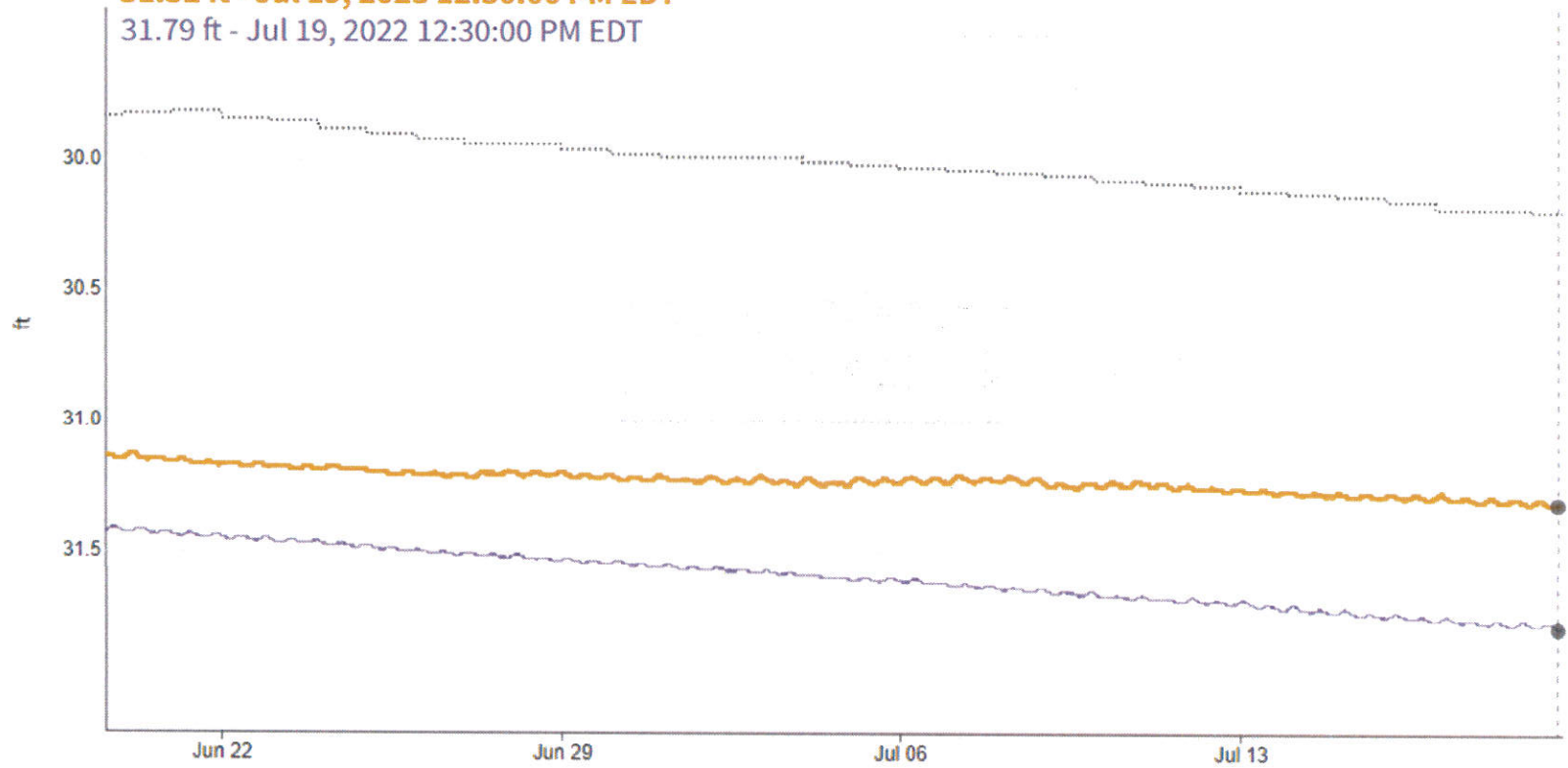
Ma-Bmw 22R Brewster, MA - 414632070014901

June 19, 2023 - July 19, 2023

Depth to water level, ft below land surface ⓘ

31.32 ft - Jul 19, 2023 12:30:00 PM EDT

31.79 ft - Jul 19, 2022 12:30:00 PM EDT



Vii

NEW BUSINESS

A. Billing Update

VI

NEW BUSINESS

B. Capital Plan

Capital Plan FY24-FY31 (OLD)			
Fiscal Year	Project	Estimated Cost	Notes
FY24	Pavement Management Plan	\$ 175,000	Depot Rd Wellfield
	New Well Construction (BOND 0.5M PROJECT)	\$ 500,000	Near Well 10
	Rt.28 Water main Replacement- Construction (BOND 2.0M PROJECT)	\$7,000,000	
FY25	Paint Pleasant Lake Ave Tank (Bond 1M Project)	\$1,750,000	
	Backhoe Replacement	\$ 125,000	Replace - 1998 Backhoe
	2 Vehicle Replacement	\$ 75,000	Replace - 2011 Ford F250, 2010 Ford F150
FY26	Pipe Discontinuity Upgrade (Bond 1M)	\$1,500,000	5900 LF of discontinuity
FY27	No Project		
FY28	Relocate HWD HQ (Bond 750K)	\$1,500,000	
FY29	No Project		
FY30	Vehicle Replacement	\$ 175,000	
FY31	Construct new tank @ Rt.39 (Bond 3M)	\$4,500,000	Replace spider leg tank w/ larger hydropillar

Capital Plan FY24-FY31 (NEW)			
Fiscal Year	Project	Estimated Cost	Notes
FY24	Pavement Management Plan	\$ 175,000	Depot Rd Wellfield
	New Well Exploration (Phase 2)	\$ 600,000	Prolonged pump Test
	Rt.28 Water main Replacement- Construction	\$14,000,000	
FY25	Paint Pleasant Lake Ave Tank (Bond 1M Project)	\$ 1,750,000	
	Backhoe Replacement	\$ 125,000	Replace - 1998 Backhoe w/ Small Loader
	2 Vehicle Replacement	\$ 125,000	Replace - 2011 Ford F250, 2010 Ford F150
	FY25 Distribution System Upgrades	\$10,000,000	TDB Pending Infrastructure Bill
FY26	Pipe Discontinuity Upgrade	\$ 1,500,000	5900 LF of discontinuity
FY27	No Project		
FY28	HWD HQ Upgrades	\$ 1,500,000	Space building/garage
FY29	No Project		
FY30	Vehicle Replacement	\$ 175,000	
FY31	Construct new tank @ Rt.39 (Bond 3M)	\$ 4,500,000	Replace spider leg tank w/ larger hydropillar

Draft Water Dept. Capital Plan FY25 - FY31

	FY25	FY26	FY27	FY28	FY29	FY30	FY31
Paint Pleasant Lake Tank	\$ 1,750,000						
Backhoe Replacement (Purchase Loader)	\$ 210,000						
Truck 12 - 2011 Ford F-250 - Ford F-150 Ext. Cab	\$ 46,000						
Truck 11 - 2010 Ford F-150 - F-350 or F-450 Ext. Cab 4x4 w. onboard air & converter	\$ 120,000						
Vehicle 15 - 2013 Ford Explorer - Explorer or F-150 Crew Cab	\$ 48,000						
Pipe Discontinuity Upgrade		\$ 1,500,000					
Truck 7 Ford Ranger (sewer) - Replace w/ TBD		\$ 48,000					
Well 10 WTP Upgrades, New Well, Distribution System Connections			\$ 3,500,000				
HWD HQ Upgrades				\$ 1,500,000			
Vehicle Replacement - Peterbuilt						\$ 175,000	
Construct New RT39 Tank							\$ 4,500,000
Vehicle Replacement - Truck 3 F-350 Utility							\$ 75,000
	\$ 2,174,000	\$ 1,548,000	\$ 3,500,000	\$ 1,500,000	No Project	\$175,000.00	\$ 4,575,000

Water & Wastewater Open & Ongoing Projects			
Project	Source	Funding	Status
1 Pavement Management Plan	2023 ATM	\$ 175,000	Funding Available 7/1 - Depot Rd. Wellfield
2 New Well Exploration Phase 2	2023 ATM	\$ 600,000	Funding Available 7/1 - Proposal in-hand
3 Route 28 Watermain Replacement - Design	2021 STM	\$ 485,198	Design ongoing - at/above 50% design
4 Route 28 Watermain Replacement - Construction	2023 ATM	\$ 17,500,000	In Design
5 Route 28 Dry Sewer - Design	2021 STM	\$ 192,546	Design ongoing - at/above 50% design
6 Route 28 Dry Sewer - Construction	2023 ATM	\$ 6,500,000	In Design
7 Phase 3 Wastewater Project - Design	2021 STM	\$ 2,100,000	Design ongoing - Collections System approx. 75% design, Pump Stations approx. %50 design
8 Phase 3 Wastewater Project - Construction	2023 ATM	\$ 50,000,000	In Design
9 BCWTP Backwash Lagoon Sludge Removal & Media Replacement	FY23 Water Budget	\$ 14,000	1 of 2 lagoons complete, 2nd to be done in coming weeks
10 Well 7 Generator Replacement	MIIA/Insurance	\$ 36,825	Delivery week of 6/22
11 Well 7 Vertical Turbine Replacement	FY23 Budget	\$ 37,460	Contractor to return week of 6/12
12 Cold Brook Restoration Project	2017 ATM	\$ 2,000,000	Entering bid phase, construction to start this summer
13 CWMP Revisions	2021 STM	\$ 229,000	In process, waiting on DEP Title V & Watershed Permit Regs to complete
14 Effluent Recharge Investigation	FY22 WW Budget	\$ 60,000	One soil boring complete, MassDOT approved Mid Cape Highway boring anticipating permit by 6/13
15 Great Sand Lakes Designer Selection & Collections System Design	ARPA	\$ 616,255	Need to solicit RFP for designer selection
16 T-1 Generator Replacement	2019 ATM	\$ 65,000	Bid Opening 6/15
17 Station 8 Generator Replacement	2021 ATM	\$ 50,000	Bid Opening 6/15
18 Lothrop Lawn Project	FY23 Water Budget	\$ 5,000	Gutters & Rain Barrel set up, Next step is to install exterior outlet to power pump
19 Route 28 Water Easement	2023 ATM	\$ 10,000	Initiated with appraiser, awaiting easement plans
20 Phase 3 & RT28 Sewer Easements	2022 STM	\$ 105,000	Initiated with appraiser, awaiting final easement plans, in process

\$ 80,781,284

X. Correspondence

Month/Year June 2023

PWS No. 4126000

Monthly Pumpage Report Harwich Water Department

Date	T1							T2			T3		T10	T11
	Main 1	Main 2	Main 3	Well 1	Well 2	Well 3	Well 4	Well 5	Well 6	Well 7	Well 8	Well 9	Pump 10	Pump 11
1	198,999	7,248	234,387	388,534	268,430	343,273	0	468,805	494,454	0	461,958	518,085	551,890	563,653
2	197,234	71,685	230,833	372,580	259,189	331,700	212,950	468,888	494,543	0	452,344	451,523	582,277	500,721
3	129,435	162,139	153,345	218,878	160,978	199,260	430,531	335,331	352,999	0	335,152	332,846	420,089	364,252
4	124,487	156,334	146,578	209,957	153,797	190,977	416,142	325,006	342,057	0	324,460	323,494	406,245	349,003
5	143,511	177,035	169,115	245,487	177,098	221,134	464,475	360,882	380,154	0	384,465	383,457	431,289	421,491
6	103,644	133,835	129,361	186,634	134,432	167,816	349,637	280,766	295,666	0	275,752	275,407	376,610	337,048
7	152,175	191,395	185,959	272,583	194,618	244,544	494,064	381,768	402,807	0	385,178	384,132	478,148	420,205
8	137,337	172,791	168,327	245,987	175,958	220,720	447,526	345,923	364,903	0	348,730	347,825	432,894	380,613
9	169,410	214,520	208,820	312,447	221,171	279,144	545,628	420,707	444,267	0	429,990	429,297	526,170	463,091
10	143,665	183,267	178,234	260,397	186,686	234,148	474,868	367,173	387,395	0	370,274	369,304	459,567	403,980
11	163,765	207,317	203,080	292,521	210,703	263,561	541,435	418,343	441,686	0	422,897	421,750	523,331	460,375
12	165,657	208,467	205,045	300,190	214,812	269,377	535,827	412,963	436,079	0	421,864	421,093	516,885	454,492
13	115,029	142,806	139,804	202,178	145,735	181,938	370,350	286,863	302,646	0	288,074	287,307	358,753	315,445
14	143,358	181,768	178,698	263,121	187,812	235,671	465,103	358,846	378,917	0	365,410	364,596	449,132	399,845
15	130,639	165,968	162,698	235,446	170,041	211,601	429,989	332,717	350,907	38	333,499	332,768	416,241	361,605
16	157,748	197,454	194,128	284,231	203,461	255,097	505,919	391,251	412,703	0	424,989	428,516	478,531	476,779
17	127,349	162,169	158,500	229,976	166,017	207,007	419,842	325,195	342,951	0	326,331	324,663	406,980	346,711
18	115,239	149,838	145,521	211,199	152,817	190,359	390,214	301,993	318,531	0	275,325	271,586	389,105	297,695
19	139,352	176,539	172,671	249,579	180,169	225,066	458,860	354,715	374,352	33,424	357,718	357,469	443,939	390,608
20	118,965	150,683	145,975	213,778	153,265	192,523	388,860	301,882	318,273	0	304,206	303,301	377,469	331,522
21	166,023	209,929	203,837	305,386	216,479	273,363	533,476	411,567	434,462	0	419,900	419,156	514,593	452,855
22	146,682	182,216	176,279	258,065	185,429	232,455	471,442	365,117	384,963	0	375,348	374,680	445,924	411,055
23	141,166	178,816	174,375	257,295	183,797	231,139	457,429	354,026	373,657	0	378,670	382,668	442,725	425,902
24	138,088	175,178	171,645	247,599	179,364	223,159	454,381	351,621	370,617	0	339,932	335,053	440,253	360,530
25	119,785	155,405	152,760	219,856	159,526	198,084	402,989	312,132	329,126	0	295,575	295,403	401,528	323,508
26	154,777	193,632	190,339	273,365	198,801	246,841	502,214	389,261	410,651	0	420,046	424,135	479,456	473,769
27	93,989	123,429	120,460	170,398	124,786	153,998	323,896	230,137	242,654	0	201,238	196,587	295,865	206,892
28	126,931	161,723	158,415	224,422	164,401	202,956	423,969	328,775	344,953	99,444	328,858	328,346	411,664	360,915
29	97,402	123,937	120,860	168,390	125,385	153,456	329,854	256,426	268,553	306,558	255,803	255,488	350,078	281,127
30	128,144	162,767	160,099	226,227	166,184	205,312	428,527	331,423	349,638	397,989	334,766	334,522	414,975	364,959
31														
Pumps :	4,189,988	4,880,291	5,140,147	7,546,706	5,421,340	6,785,679	12,670,397	10,570,500	11,145,565	837,453	10,638,752	10,674,457	13,222,606	11,700,646
MIN :	93,989	71,685	120,460	168,390	124,786	153,456	212,950	230,137	242,654	0	201,238	196,587	295,865	206,892
MAX :	197,234	214,520	230,833	372,580	259,189	331,700	545,628	468,888	494,543	397,989	452,344	451,523	582,277	500,721
STATIONS :	46,634,547							22,553,517			21,313,209		13,222,606	11,700,646
TOTAL :	115,424,525													

Month/Year June 2022

PWS No. 4126000

Monthly Pumpage Report Harwich Water Department

Date	T1							T2			T3		T10	T11
	Main 1	Main 2	Main 3	Well 1	Well 2	Well 3	Well 4	Well 5	Well 6	Well 7	Well 8	Well 9	Pump 10	Pump 11
1	116,992	102,995	130,627	203,077	145,542	168,472	301,561	275,552	284,728	275,869	281,304	275,261	335,096	297,120
2	66,716	58,593	74,464	114,079	82,275	94,788	174,105	159,805	167,816	160,058	161,973	157,952	191,838	172,841
3	141,286	121,718	154,846	248,718	174,748	205,369	347,926	317,865	332,604	317,920	358,296	355,053	373,250	391,052
4	80,532	72,184	92,613	142,772	102,690	118,772	216,028	197,824	203,616	198,631	170,372	162,942	245,902	168,932
5	101,143	89,240	113,255	175,360	125,870	145,633	261,473	240,182	249,961	240,607	243,897	238,321	288,439	268,371
6	183,823	162,319	206,427	324,888	231,013	269,879	471,771	430,345	450,346	430,740	441,971	430,794	516,690	460,407
7	74,665	64,564	84,076	129,298	92,787	107,331	193,665	163,666	170,644	163,985	166,196	161,969	196,518	183,296
8	124,698	107,135	138,668	213,844	153,556	177,939	318,308	291,985	303,830	292,019	327,432	322,406	348,475	354,271
9	76,905	69,212	89,460	136,130	98,638	113,192	208,907	191,546	197,580	192,443	163,393	156,060	288,227	161,276
10	89,431	76,276	97,854	152,315	114,118	132,047	224,044	267,398	278,414	267,236	280,763	279,152	313,940	335,286
11	130,358	114,808	147,015	229,470	163,953	190,591	335,191	274,772	284,462	274,934	252,516	242,933	308,344	255,367
12	74,633	66,136	84,742	130,623	94,042	108,829	195,308	179,041	183,842	179,479	178,625	174,247	222,976	189,220
13	144,790	126,751	161,724	255,896	181,753	212,567	366,377	334,391	346,152	334,909	344,192	338,237	401,839	362,731
14	69,753	61,373	78,523	120,141	86,891	100,197	182,166	167,118	171,537	167,381	169,365	165,170	200,600	179,457
15	181,365	159,007	202,461	318,756	227,241	265,478	460,323	406,165	422,620	406,889	418,463	411,013	487,613	441,954
16	124,629	110,027	139,746	219,323	156,253	182,369	317,473	245,240	254,610	245,360	249,944	243,760	291,171	265,252
17	146,974	127,794	161,316	259,257	182,964	215,391	362,122	330,554	344,997	331,053	371,309	368,489	391,567	404,394
18	104,448	94,605	120,200	184,611	133,076	154,340	277,379	253,705	261,786	254,645	227,657	218,723	313,146	229,195
19	89,089	78,627	99,128	153,434	110,394	128,123	230,058	210,649	219,599	211,020	213,356	208,155	252,924	227,452
20	151,773	133,898	169,626	266,679	190,099	221,907	386,150	352,234	365,681	352,933	362,603	355,789	423,180	382,476
21	86,159	76,152	96,277	146,746	106,564	123,095	224,014	205,285	210,855	205,630	191,695	198,596	240,716	219,850
22	185,704	163,272	206,546	327,157	232,597	272,635	469,250	427,479	447,377	428,160	440,957	433,468	513,115	467,425
23	90,606	79,308	101,324	157,064	112,710	131,297	232,184	212,452	219,070	212,451	215,653	211,934	255,188	238,961
24	207,512	181,922	231,907	367,303	260,970	306,570	525,097	478,663	499,778	479,145	492,458	480,873	574,679	511,124
25	131,390	114,728	145,864	223,418	161,611	187,309	335,856	307,807	319,489	307,881	315,107	307,334	360,977	334,475
26	120,497	105,235	133,488	205,465	148,334	171,830	307,914	282,275	294,161	282,954	309,353	304,757	337,308	347,008
27	173,732	152,907	193,812	306,157	218,186	255,832	440,095	401,448	419,950	401,958	411,311	405,612	481,868	436,956
28	117,717	106,135	134,814	208,727	150,187	174,742	309,947	248,421	259,546	249,666	222,231	213,475	337,766	224,937
29	169,263	149,487	189,269	302,121	213,992	251,814	427,543	389,976	405,864	390,582	401,456	394,816	468,624	423,823
30	119,370	103,392	132,146	202,338	146,797	169,829	304,802	279,321	287,512	279,396	296,190	288,756	327,184	314,101
31														
Pumps :	3,675,955	3,229,799	4,112,217	6,425,168	4,599,852	5,358,166	9,407,039	8,523,161	8,858,426	8,535,932	8,680,038	8,506,047	10,289,160	9,249,010
MIN :	66,716	58,593	74,464	114,079	82,275	94,788	174,105	159,805	167,816	160,058	161,973	156,060	191,838	161,276
MAX :	207,512	181,922	231,907	367,303	260,970	306,570	525,097	478,663	499,778	479,145	492,458	480,873	574,679	511,124
STATIONS :	36,808,196							25,917,520			17,186,085		10,289,160	9,249,010
TOTAL :	99,449,971													

Date June 2023
 PWS No. 4126000

Monthly Weather Report
Harwich Water Department

Day	Snow Fall (in.) (Gallons)	Rain Fall (in.)	Temperature High (°F)	Temperature Low (°F)	Temperature AVG (°F)	Weather Comments	Operator
1		0.00	74	58	66		
2		0.00	75	58	66		
3		0.00	63	48	56		
4		0.00	55	48	52		
5		0.15	58	50	54		
6		0.04	70	53	62		
7		0.04	67	51	59		
8		0.04	67	54	60		
9		0.04	68	52	60		
10		0.04	67	53	60		
11		0.04	74	51	62		
12		0.04	71	62	67		
13		0.29	67	60	64		
14		0.13	75	61	68		
15		0.01	72	62	67		
16		0.01	78	60	69		
17		1.48	67	60	64		
18		0.12	68	60	64		
19		0.00	67	56	62		
20		0.00	67	53	60		
21		0.00	68	54	61		
22		0.00	68	54	61		
23		0.00	73	62	67		
24		0.33	72	65	69		
25		0.00	74	67	71		
26		0.00	75	67	71		
27		2.00	70	66	68		
28		0.01	74	66	70		
29		0.01	77	67	72		
30		0.01	77	65	71		
31							
Total		4.83					
Average		0.16	69.9	58.2			
Max		2.00	77.8	67.3			
Min		0.0	55.3	47.7			

Date June 2022
 PWS No. 4126000

Monthly Weather Report
 Harwich Water Department

Day	Snow Fall (in.) (Gallons)	Rain Fall (in.)	Temperature High (°F)	Temperature Low (°F)	Temperature AVG (°F)	Weather Comments	Operator
1		0.00	63	55	59		
2		0.00	65	56	60		
3		0.02	65	57	61		
4		0.00	63	57	60		
5		0.00	71	52	62		
6		0.00	75	53	64		
7		0.00	74	60	67		
8		0.66	69	62	66		
9		0.38	68	62	65		
10		0.00	73	57	65		
11		0.00	75	60	67		
12		0.00	73	65	69		
13		0.00	75	64	69		
14		0.00	77	63	70		
15		0.00	72	58	65		
16		0.00	70	53	62		
17		0.00	72	65	68		
18		0.00	72	60	66		
19		0.00	61	54	57		
20		0.00	70	51	61		
21		0.00	68	56	62		
22		0.00	68	58	63		
23		0.00	71	56	64		
24		0.00	75	54	65		
25		0.00	81	64	73		
26		0.00	81	64	72		
27		0.00	77	68	72		
28		0.00	76	62	69		
29		0.00	76	59	67		
30		0.00	78	62	70		
31							
Total		1.06					
Average		0.04	71.8	58.8			
Max		0.66	80.9	67.5			
Min		0.0	60.5	50.7			