

BOARD OF WATER COMMISSIONER'S AGENDA*
Conference Room, Harwich Water Department
196 Chatham Road, Harwich, MA
Tuesday, July 9, 2019, 8:00 a.m.

- I. CALL TO ORDER
- II. PUBLIC COMMENTS/ANNOUNCEMENTS
- III. CONSENT AGENDA
 - A. Minutes
 - 1. June 25, 2019
- IV. ABATEMENTS
 - A. 10 Patricia Lane
 - B. FY19 Q4 Internal Adjustments
 - C. FY19 Q4 Water Department Usage
- V. OLD/UNFINISHED BUSINESS
 - A. Assistant Superintendent Clothing & Boot Allowance – *discussion & possible vote*
 - B. FY20 Goals- *discussion*
 - C. Lower County Road Paving- *discussion*
- VI. NEW BUSINESS
 - A. FY19 Q4 Budget- *update*
 - B. FY19 Q4 Quarterly Billing & Consumption- *update*
 - C. National Grid Project- *update*
 - D. Lothrop Ave Project- *update*
- VII. SUPERINTENDENT'S REPORT
- VIII. COMMISSIONER'S REPORT
- IX. CORRESPONDENCE/ANY OTHER BUSINESS
- X. NEXT MEETING; TBD
- XI. 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

Tracey Alves, Board Secretary

Posted By: _____

Town Clerk

Date: _____

**MINUTES
HARWICH WATER DEPARTMENT
BOARD OF WATER COMMISSIONERS
THURSDAY, JUNE 25, 2019
8:00 A.M.**

WATER COMMISSIONER'S PRESENT: Chair Allin Thompson, Vice Chair Gary Carreiro, Clerk Judith Underwood

OTHERS PRESENT: Superintendent Dan Pelletier, Comptroller Sandra Sieger, Billing Administrator Wellesley Marsh, Board Secretary Tracey Alves, Town Administrator Chris Clark

CALL TO ORDER

Chair Thompson called the meeting to order at 8:00 a.m.

CONSENT AGENDA

A. Minutes:

1. May 17, 2019
2. May 30, 2019
3. June 13, 2019

Chair Thompson entertained a motion to approve the Minutes of May 17, 2019, May 30, 2019 and June 13, 2019. Vice Chair Carreiro moved to approve the motion with a second by Clerk Underwood; 3-0-0.

OLD/UNFINISHED BUSINESS

A. Reorganize Board

Vice Chair Carreiro entertained a motion for Allin Thompson to remain Chair, Judith Underwood, Vice Chair and Gary Carreiro, Clerk. The motion was moved by Clerk Underwood, all in favor; 3-0-0.

NEW BUSINESS

A. E.W. Drew- Lothrop Ave Project Change Order Request \$2,731.00

Clerk Underwood moved to accept the E.W. Drew change order request for the Lothrop Ave project. Chair Thompson seconded the motion; 3-0-0.

B. FY20 Goals

This item will be added to the next Agenda for discussion.

C. Wireless Communications Lease Agreement

The Wireless Communications Lease Agreement will be pushed back KP Law once again to address the changes that were made to the original lease by Cell Co., in favor of Cell Co. The lease should remain as it was originally presented and not changed.

D. PFAS Sampling

Superintendent Pelletier informed the Board that he had been notified by the DEP that the lab that the Department used for the USEPA third round of UCMR3 during the period of 2013-2015 may have lower reporting level data for our PFAS samples. They encouraged the Department to contact the laboratory to obtain any such data and/or retest. It was decided that the Department will retest.

E. Lower Count Road Paving

The topic of repairing the patches on Lower County Road was discussed. It has been requested that the Water Department contribute \$60,000 towards the project. The Board emphasized the importance of communication to Town Administrator Clark and made clear that there needs to be better communication between Administration and the Board of Water Commissioners.

COMMISSIONER'S REPORT

The Board expressed concern regarding the National Grid project. Superintendent Pelletier confirmed that National Grid is responsible for any and all paving related to the project.

NEXT MEETING

The next Board meeting will be held on Tuesday, July 9, 2019 at 8:00 a.m.

ADJOURNMENT

Chair Thompson entertained a motion to adjourn at 9:54 a.m. Vice Chair Carreiro moved the motion with a second by Clerk Underwood; 3-0-0.

Allin P. Thompson, Chairman

Dan Pelletier, Superintendent

Judith Underwood, Vice Chair

Tracey Alves, Board Secretary

Gary Carreiro, Clerk

MUST BE FILED WITH THE HARWICH BOARD OF WATER COMMISSIONERS NO LATER THAN THE DUE DATE OF FIRST ACTUAL (NOT PRELIMINARY) TAX PAYMENT FOR FISCAL YEAR OF WHICH THE WATER CHARGE BECAME A PART.

THE COMMONWEALTH OF MASSACHUSETTS
TOWN OF HARWICH
APPLICATION FOR ABATEMENT
WATER CHARGE

RECEIVED: 6/1/19
ACCOUNT # 02595
BILL # 321031

To the Board of Water Commissioners:

NAME OF APPLICANT: _____
MAILING ADDRESS: _____ PHONE: _____
EMAIL ADDRESS: _____ MOBILE: _____

The named person assessed by a water charge dated 6/1/19 hereby applies for abatement.

NAME OF PERSON ASSESSED (OWNER): _____

PROPERTY LOCATION: 10 Patricia Ln. Harwichport

TOTAL AMOUNT ASSESSED \$ 50 TOTAL AMOUNT REQUESTED \$ _____

CHECK IF REQUEST IS FOR WATER USAGE AMOUNT REQUESTED \$ _____
CHECK IF REQUEST IS FOR LATE FEE AMOUNT REQUESTED \$ _____
CHECK IF REQUEST IS FOR OTHER AMOUNT REQUESTED \$ 50

REASON FOR ABATEMENT REQUEST (ATTACH ADDITIONAL SHEET IF NECESSARY)

SUBSCRIBED THIS DAY OF 6/1/19 UNDER PENALTIES OF PERJURY.

SIGNATURE OF APPLICANT _____
NAME IN FULL

THE FILING OF THIS APPLICATION DOES NOT STAY THE COLLECTION OF THE CHARGE. CHARGE SHOULD BE PAID AS ASSESSED. REFUND WILL FOLLOW IF ABATEMENT IS ALLOWED. SUBMIT THIS FORM TO THE HARWICH WATER DEPT. 196 CHATHAM ROAD, HARWICH, MA 02645 ATTN: BOARD OF WATER COMMISSIONERS OR FAX TO (888) 774-3557.

RECOMMENDATION
APPROVE DENY BOARD OF WATER COMMISSIONERS

IF DENIED, PLEASE PROVIDE REASON: _____ DATE _____ SIGNATURE _____

Dear Sirs,

We were assessed a \$50 no show bill for the town to replace the water meter. We did not ask for this be done. Also, we were not told that there would be a no show fee if we weren't there like every other business does who has this policy. They are upfront and make it very clear that there will be a no-show charge. Harwich never said a thing about it. Since we did not request a new meter, and there was no mention of any charges, I respectfully request a \$50 abatement. Thank you!

Sincerely,

ci

Accounts

Account: 02595

--- --- 10 PATRICIA LN. ***TIE SHOWS PIT HOWEVER METER ACCESS IS VIA
 LOCKED BULKHEAD***

6/25/19 ABATEMENT REQUEST RECEIVED. E-MAILED THAT BOWC WILL REVIEW ON 7/9/19.
 TA

6/3/19 MR I CALLED TO QUESTION MISSED APPT FEE. SHE SAID THEY COULD NOT
 REACH ANYONE BECAUSE OF THE WEEKEND(?). / SHE WAS EMAILED ABATEMENT FORM. WM

5/28/19 CHANGED METER. 0771130

5/23/19 OWNER SAID HE COULD NOT MAKE IT DOWN. RESCHEDULED FOR 5/28 PM. WM

5/23/19 This May have been a pit at one time but meter is in basement or locked
 bulkhead. Need access to c/o no one at property & bulkhead is still locked !! /
 CALLED AND L/M TO CALL BACK TO RESCHEDULE. PLEASE CREATE NEW METER C/O SLIP WHEN
 THEY CALL BACK.

5/13/19 SET FOR 5/23. WM

4/30/19 LEFT MESSAGE. WM

4/19/19 LEFT MESSAGE. WM

2/25/19 SENT EMAIL. NO OPEN ACCESS. PIT VIA BULKHEAD. WM

2/14/19 NOT READING FOR TEST BILLING.

DATE	CODE	READING	USAGE	AMOUNT	BALANCE
03/16/2005	10	389000	4000	50.00	50.00
10/15/2004	1			50.00-	.00
09/24/2004	10	385000	14000	50.00	50.00
04/21/2004	1			50.00-	.00
03/09/2004	10	371000	1000	50.00	50.00
11/10/2003	1			58.75-	.00
09/26/2003	10	370000	20000	58.75	58.75
04/10/2003	1			23.20-	.00
03/26/2003	10	350000	2000	25.00	23.20
12/12/2002	1			50.00-	1.80-
10/04/2002	10	348000	28000	48.20	48.20
06/13/2002	1			25.00-	.00
05/06/2002	10	320000	6000	25.00	25.00
02/21/2002	1			25.00-	.00
11/28/2001	10	314000	14000	25.00	25.00
04/17/2001	1			25.00-	.00
04/17/2001	600			5.00-	25.00
02/13/2001	10	300000	14000	25.00	30.00
11/13/2000	1			25.40-	.00
11/02/2000	55			5.00	30.40
08/03/2000	10	286000	1000	25.00	25.40
05/19/2000	1			44.00-	.40
04/21/2000	10	285000	26000	44.40	44.40
10/23/1999	100			.00	.00



07/02/2019 13:51
talves

TOWN OF HARWICH - LIVE DATA
ACCOUNT SUMMARY

P 1
ubacthst

AR Category: 60

Account # Location	Customer Name	Date	Bill#	P	Service #	Type	Parcel	Form Type: A		ACCOUNT DETAIL		Total Due
								Interest Due Curr Read #	Usage	Ending Balance Amount		
02595 10	PATRICIA LN	302571			HP MA 02645		5/D2-10-R			.00	90.16	90.16
		06/28/2019	323858		1WATER-001	Charge					40.16	
		05/29/2019	321031		MISAPP-001	Charge		1000	4000		50.00	
		05/13/2019	313332		1WATER-001	Pmt Pr	BANK XFER				-36.29	
		04/09/2019	313332		1WATER-001	Charge					36.29	
		01/17/2019	302992		1WATER-001	Pmt Pr	BANK XFER	768000	1000		-36.29	
		01/10/2019	302992		1WATER-001	Charge					-36.29	
		11/16/2018	292504		1WATER-001	Pmt Pr	BANK XFER	767000	1000		36.29	
		10/15/2018	292504		1WATER-001	Charge					-67.82	
		07/13/2018	282216		1WATER-001	Pmt Pr	BANK XFER	766000	16000		67.82	
		06/29/2018	282216		1WATER-001	Charge		750000	4000		-5.16	
											5.16	

** END OF REPORT - Generated by Tracey **

Town of Harwich
Water Enterprise Fund
FY19 Q4 INTERNAL ADJUSTMENTS

Adjustment Total **(3,909.32)**

Allin Thompson, Chairman

BOWC Meeting Date **7/9/2019**

Judith Underwood, Vice Chairman

Gary Carreiro, Clerk

EFF DATE	YEAR	PER	JOURNAL	SRC	REF1	ADJTYPE	AMOUNT
04/03/19	2019	10	37	UBM	40319	1WATER	-35.00
04/03/19	2019	10	36	UBM	4319	1WATER	10.00
04/04/19	2019	10	39	UBM	40419	MKOUT	-25.00
04/09/19	2019	10	92	UBM	4919	1WATER	-2.58
04/17/19	2019	10	182	UBM	41719	1WATER	-3.87
04/23/19	2019	10	266	UBM	42319	1WATER	-14.47
04/24/19	2019	10	279	UBM	2829	1WATER	-1.29
05/03/19	2019	11	38	UBM	5319	1WATER	180.16
05/03/19	2019	11	38	UBM	5319	1WATER	-140.00
05/13/19	2019	11	170	UBM	51319	1WATER	-7.74
05/14/19	2019	11	187	UBM	51419	1WATER	-35.00
05/14/19	2019	11	186	UBM	42619	1WATER	-1,577.75
05/14/19	2019	11	186	UBM	42619	FRZMTR	-100.00
05/15/19	2019	11	216	UBM	51519	NSF	25.00
05/16/19	2019	11	227	UBM	51619	1WATER	-7.95
05/17/19	2019	11	276	UBM	51719	NSF	25.00
05/28/19	2019	11	358	UBM	52819	NSF	25.00
05/29/19	2019	11	382	UBM	52919	3STIP	-17.00
05/29/19	2019	11	382	UBM	52919	DETAIL	-180.00
05/29/19	2019	11	382	UBM	52919	FRZMTR	-1,197.62
05/29/19	2019	11	382	UBM	52919	MKOUT	-25.00
06/04/19	2019	12	27	UBM	6419	1WATER	-22.50
06/12/19	2019	12	107	UBM	61219	1WATER	38.87
06/12/19	2019	12	103	UBM	61219	1WATER	36.29
06/12/19	2019	12	103	UBM	61219	1WATER	-5.16
06/14/19	2019	12	134	UBM	61419	1WATER	-2.58
06/14/19	2019	12	133	UBM	61419	1WATER	-7.95
06/19/19	2019	12	174	UBM	61919	1WATER	-17.12
06/19/19	2019	12	173	UBM	61919	FRZMTR	-476.16
06/19/19	2019	12	173	UBM	61919	MATERL	-21.45
06/21/19	2019	12	205	UBM	62119	1WATER	-6.45

06/26/19	2019	12	250	UBM	62619	1WATER	-70.00
<i>Late Fees</i>							
04/09/19	2019	301242	841	8 GROVE ST		1XLFEE	-25.00
04/12/19	2019	309461	9084	79 RT 28		1XLFEE	-25.00
04/26/19	2019	306928	6537	1589 ORLEANS RD		1XLFEE	-25.00
04/26/19	2019	310403	10033	CHASE & RT 28		TOWN	-25.00
04/26/19	2019	310404	10034	RT 137 AT EXIT 11		TOWN	-25.00
04/26/19	2019	310478	10114	JULIEN RD & RT 28		TOWN	-25.00
05/08/19	2019	301904	1504	69 WILLOW ST		1XLFEE	-25.00
05/08/19	2019	308973	8595	69 WILLOW ST		1XLFEE	-25.00
06/21/19	2019	300300	99992	EVERSOURCE		DUP	-25.00
06/21/19	2019	300356	99992	EVERSOURCE		DUP	-25.00

THE COMMONWEALTH OF MASSACHUSETTS
TOWN OF HARWICH
APPLICATION FOR ABATEMENT
WATER CHARGE

RECEIVED: _____
ACCOUNT # Various
BILL # Various

To the Board of Water Commissioners:

NAME OF APPLICANT: Harwich Water Department

MAILING ADDRESS: 196 Chatham Road PHONE: 508-432-0304

EMAIL ADDRESS: _____ MOBILE: _____

The named person assessed by a water charge dated _____ hereby applies for abatement.

NAME OF PERSON ASSESSED (OWNER): Harwich Water Department

PROPERTY LOCATION: VARIOUS

TOTAL AMOUNT ASSESSED \$ _____ TOTAL AMOUNT REQUESTED \$ _____

CHECK IF REQUEST IS FOR WATER USAGE AMOUNT REQUESTED \$ 1,387.34

CHECK IF REQUEST IS FOR LATE FEE AMOUNT REQUESTED \$ _____

CHECK IF REQUEST IS FOR OTHER AMOUNT REQUESTED \$ _____

REASON FOR ABATEMENT REQUEST (ATTACH ADDITIONAL SHEET IF NECESSARY)

SEMIANNUAL WATER CHARGE ABATEMENT REQUEST FOR WATER DEPARTMENT ACCOUNTS.
Please see attachment

SUBSCRIBED THIS DAY OF 6/28/19 UNDER PENALTIES OF PERJURY.

SIGNATURE OF APPLICANT  _____
NAME IN FULL

THE FILING OF THIS APPLICATION DOES NOT STAY THE COLLECTION OF THE CHARGE. CHARGE SHOULD BE PAID AS ASSESSED. REFUND WILL FOLLOW IF ABATEMENT IS ALLOWED. SUBMIT THIS FORM TO THE HARWICH WATER DEPT. 196 CHATHAM ROAD, HARWICH, MA 02645 ATTN: BOARD OF WATER COMMISSIONERS OR FAX TO (888) 774-3557.

RECOMMENDATION
: APPROVE DENY BOARD OF WATER COMMISSIONERS

IF DENIED, PLEASE PROVIDE REASON: _____ DATE: _____ SIGNATURE: _____

Invoice #	Invoice Type	Balance Due
<u>HARWICH/WATER DEPT - Account #09733 *</u>		
330973	Water	\$174.06
<u>HARWICH/WATER DEPT - Account #00150 *</u>		
321419	Water	\$37.58
<u>HARWICH/WATER DEPT - Account #00349 *</u>		
321617	Water	\$35.00
<u>HARWICH/WATER DEPT - Account #02949 *</u>		
324210	Water	\$37.58
<u>HARWICH/WATER DEPT - Account #08003 *</u>		
329348	Water	\$44.03
<u>HARWICH/WATER DEPT - Account #09725 *</u>		
330965	Water	\$35.00
<u>HARWICH/WATER DEPT - Account #09726 *</u>		
330966	Water	\$35.00
<u>HARWICH/WATER DEPT - Account #09727 *</u>		
330967	Water	\$214.10
<u>HARWICH/WATER DEPT - Account #09728 *</u>		
330968	Water	\$35.00
<u>HARWICH/WATER DEPT - Account #09729 *</u>		
330969	Water	\$35.00
<u>HARWICH/WATER DEPT - Account #09730 *</u>		
330970	Water	\$37.58
<u>HARWICH/WATER DEPT - Account #09731 *</u>		
330971	Water	\$35.00
<u>HARWICH/WATER DEPT - Account #09732 *</u>		
330972	Water	\$305.62
<u>HARWICH/WATER DEPT - Account #09734 *</u>		
330974	Water	\$185.50
<u>HARWICH/WATER DEPT - Account #09735 *</u>		
330975	Water	\$35.00
<u>HARWICH/WATER DEPT - Account #09740 *</u>		
330980	Water	\$35.00
<u>HARWICH/WATER DEPT RT39 - Account #08337 *</u>		
329580	Water	\$35.00
<u>HARWICH/WATER DEPT - Account #09981 *</u>		
331220	Water	\$36.29
		<u>\$1,387.34</u>



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

Assistant Superintendent Clothing Allowance

Understanding that the Assistant Superintendent's duties regularly include & require working in the field, the Board of Water Commissioners voted on July 9th, 2019 to grant the position a uniform & boot allowance. The uniform & boot allowance shall include \$550.00 for purchasing work related clothing and \$250.00 for purchasing footwear as required to safely perform the duties of the position. Should either the HEA or IMAW contract negotiations result in an increase to the values granted for clothing & boot allowance, the higher value shall be incorporated and adopted into the clothing & boot allowance for the Assistant Superintendent.

Allin Thompson, Chairman

Date: 7/9/2019

Judith Underwood, Vice- Chairman

Date: 7/9/2019

Gary Carreiro, Clerk

Date: 7/9/2019



Town of Harwich Water Department Board of Water Commissioners

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

July 9th, 2019

FY20 Goals & Objectives

- Design & Construct upgrades to P. Lake Tank
- Install new standby generator at T-1
- Complete National Grid Water Service Renewal Project -Inhouse oversight
- Redesign unidirectional flushing books
- Conduct/host OSHA 10 Safety training for all field staff
- Continue wastewater outreach/involvement during construction & next design phase
- Continue work on RFP for wireless communications lease
- Procure equipment & vehicles approved at 2019 ATM
- Install gate valves @ ungated connections where feasible
- 2" Water main replacement where feasible
- Continue meter replacement program – additional funding in FY20 Budget



06/28/2019 10:48
wmarsh

TOWN OF HARWICH - LIVE DATA
UB Charge Proof/Register

Run: 1 Commitment: 1906
Charge Code: To: ZZZZZZ
Group Code : To: ZZZZ

Summary

Begin: 04/05/2019 End: 06/28/2019
Bill: 06/28/2019 Due: 08/05/2019
Int/Penalty: 08/05/2019

P 3
ubbproof

Sequence by ACCOUNT/CHARGE CODE

	Cat	Base/Flat	Usage\$/ Usage	Demand/ Usage	KVAR/ Usage	Rate Adj	Subject To	Net Total	Count
Summary by GROUP									
8002	60	3055.00	.00	.00	.00	.00		3055.00	47
90	60	6833.00	5134.68 1,851,000	.00 .0000	.00 .0000	.00		11967.68	205
Summary Totals ----->		376015.00	351240.16 128,409,000	.00 .0000	.00 .0000	.00	.00	727255.16	11255
Summary by CHARGE TYPE/CODE									
Service 1FSPRK FIRE SPRIN	60	6370.00	.00	.00	.00	.00		6370.00	98
Service 1TOWNS TOWN USAGE	60	.00	.00	.0000	.0000	.00		.00	1
Service 1WATER WATER USAG	60	349440.00	50,000 351240.16 128,359,000	.00 .0000	.00 .0000	.00		700680.16	10004
Service 2RESFR RESIDENTIA	60	1080.00	.00	.00	.00	.00		1080.00	27
Service 3STIP SERVICE TIG	60	19125.00	.00	.0000	.0000	.00		19125.00	1125
Summary Totals ----->		376015.00	351240.16 128,409,000	.00 .0000	.00 .0000	.00	.00	727255.16	11255

Total Active Accounts: 10110

** END OF REPORT - Generated by Wellesley Marsh **

BOARD OF WATER COMMISSIONERS

SIGNATURE(S) DATE
Allen P. Thompson 6-28-19

ORIGINAL TREASURER
COPIES ACCOUNTING
BOWC PACKET

06/28/2019 10:48
wmarsh

TOWN OF HARWICH - LIVE DATA
UB Charge Proof/Register

Run: 1 Commitment: 1906 Summary
Charge Code: To: ZZZZZZ
Group Code: To: ZZZZ Sequence by ACCOUNT/CHARGE CODE

Begin: 04/05/2019 End: 06/28/2019
Bill: 06/28/2019 Due: 08/05/2019
Int/Penalty: 08/05/2019

P 1
ubproof

	Cat	Base/Flat	Usage\$/ Usage	Demand/ Usage	KVAR/ Usage	Rate Adj	Subject To	Net Total	Count
Summary by CHARGE CODE									
1FSPRK FIRE SPRINKLER	60	6370.00	.00	.00	.00	.00		6370.00	98
1TOWNS TOWN USAGE	60	.00	.00	.00	.00	.00		.00	1
1WATER WATER USAGE	60	349440.00	351240.16	.00	.00	.00		700680.16	10004
2RESFR RESIDENTIAL FIRE S	60	1080.00	.00	.00	.00	.00		1080.00	27
3STIP SERVICE TIGHT RENEW	60	19125.00	.00	.00	.00	.00		19125.00	1125
			0	.0000	.0000				
Summary Totals ----->		376015.00	351240.16	.00	.00	.00	.00	727255.16	11255
			128,409,000	.0000	.0000				
Summary by DISTRICT									
1 CYCLE 1	60	376015.00	351240.16	.00	.00	.00		727255.16	11255
			128,409,000	.0000	.0000				
Summary Totals ----->		376015.00	351240.16	.00	.00	.00	.00	727255.16	11255
			128,409,000	.0000	.0000				
Summary by GROUP									
10	60	9423.00	18743.09	.00	.00	.00		28166.09	282
100	60	9647.00	5,229,000	.0000	.0000	.00		21633.68	289
105	60	8894.00	11986.68	.00	.00	.00		13939.28	268
110	60	8949.00	3,795,000	.0000	.0000	.00		18931.98	275
115	60	5212.00	5045.28	.00	.00	.00		9469.96	152
120	60	8027.00	2,051,000	.0000	.0000	.00		13383.05	240
130	60	6322.00	9982.98	.00	.00	.00		18032.47	186
135	60	9826.00	3,475,000	.0000	.0000	.00		22900.00	295
140	60	6201.00	4257.96	.00	.00	.00		10903.80	189
145	60	4123.00	1,471,000	.0000	.0000	.00		5965.23	125
150	60	13486.00	5356.05	.00	.00	.00		22216.98	410
155	60	4996.00	2,031,000	.0000	.0000	.00		9992.24	152
157	60	7490.00	4996.24	.00	.00	.00		12064.69	232
160	60	13671.00	1,720,000	.0000	.0000	.00		22764.59	417
170	60	7938.00	4574.69	.00	.00	.00		15787.77	241
172	60	7454.00	2,096,000	.0000	.0000	.00		16053.55	214
			9093.59	.00	.00	.00			
			3,739,000	.0000	.0000				
			7849.77	.00	.00				
			2,963,000	.0000	.0000				
			8599.55	.00	.00				



06/28/2019 10:48
wmarsh

TOWN OF HARWICH - LIVE DATA
UB Charge Proof/Register

Run: 1
Charge Code:
Group Code :

Commitment: 1906
To: ZZZZZZ
To: ZZZZ

Summary

Begin: 04/05/2019 End: 06/28/2019
Bill: 06/28/2019 Due: 08/05/2019
Int/Penalty: 08/05/2019

P 2
ubbproof

Sequence by ACCOUNT/CHARGE CODE

	Cat	Base/Flat	Usage\$/ Usage	Demand/ Usage	KVAR/ Usage	Rate Adj	Subject To	Net Total	Count
Summary by GROUP									
175	60	9477.00	3,032,000 9474.46	.0000 .00	.0000 .00				
176	60	6677.00	3,867,000 6962.12	.0000 .00	.0000 .00	.00		18951.46	279
180	60	5206.00	2,644,000 4803.39	.0000 .00	.0000 .00	.00		13639.12	199
182	60	16838.00	1,716,000 14089.20	.0000 .00	.0000 .00	.00		10009.39	159
184	60	11003.00	5,520,000 13247.28	.0000 .00	.0000 .00	.00		30927.20	515
187	60	17577.00	4,483,000 13222.64	.0000 .00	.0000 .00	.00		24250.28	338
189	60	5015.00	5,607,000 3216.68	.0000 .00	.0000 .00	.00		30799.64	531
190	60	19427.00	1,512,000 20287.78	.0000 .00	.0000 .00	.00		8231.68	151
194	60	13502.00	7,430,000 12411.58	.0000 .00	.0000 .00	.00		39714.78	590
198	60	11946.00	5,118,000 9730.47	.0000 .00	.0000 .00	.00		25913.58	412
20	60	9147.00	3,885,000 7852.91	.0000 .00	.0000 .00	.00		21676.47	366
200	60	9436.00	2,923,000 15715.69	.0000 .00	.0000 .00	.00		16999.91	270
205	60	7082.00	4,510,000 7221.24	.0000 .00	.0000 .00	.00		25151.69	284
210	60	10776.00	2,867,000 6968.59	.0000 .00	.0000 .00	.00		14303.24	208
30	60	8721.00	3,119,000 9014.74	.0000 .00	.0000 .00	.00		17744.59	330
35	60	6510.00	3,166,000 1136.92	.0000 .00	.0000 .00	.00		17735.74	266
365	60	9121.00	674,000 11868.23	.0000 .00	.0000 .00	.00		7646.92	186
40	60	6467.00	3,984,000 3164.78	.0000 .00	.0000 .00	.00		20989.23	280
45	60	4364.00	1,486,000 3303.98	.0000 .00	.0000 .00	.00		9631.78	198
50	60	7762.00	1,278,000 8460.60	.0000 .00	.0000 .00	.00		7667.98	136
55	60	4371.00	3,033,000 3669.66	.0000 .00	.0000 .00	.00		16222.60	230
60	60	5641.00	1,456,000 5997.61	.0000 .00	.0000 .00	.00		8040.66	129
65	60	4490.00	2,168,000 3552.09	.0000 .00	.0000 .00	.00		11638.61	173
70	60	5698.00	1,286,000 3122.34	.0000 .00	.0000 .00	.00		8042.09	136
75	60	6659.00	1,279,000 9840.43	.0000 .00	.0000 .00	.00		8820.34	170
80	60	8370.00	3,000,000 7223.71	.0000 .00	.0000 .00	.00		16499.43	199
8001	60	3185.00	2,855,000 .00 0	.0000 .00 .0000	.0000 .00 .0000	.00 .00 .00		15593.71 3185.00	252 49

Month/Year June 2019

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	137,191	136,993	99,100	246,263	163,477	212,830	0	275,856	290,909	276,217	188,810	190,711	256,909	303,683
2	131,475	130,890	94,487	235,936	155,570	202,658	0	263,988	278,355	264,271	188,810	190,711	316,885	290,675
3	188,871	188,210	135,655	338,034	223,657	292,312	10,141	378,122	398,851	378,598	188,810	10,168	454,068	416,374
4	159,902	159,792	115,276	287,219	189,353	246,892	0	321,179	338,800	321,653	188,810	0	385,813	353,536
5	153,654	153,523	110,686	275,913	181,511	236,486	0	308,284	325,108	308,659	117,701	259,405	369,364	339,418
6	102,209	102,218	73,653	183,493	120,263	155,116	0	205,560	216,660	205,860	215,994	219,074	246,949	226,271
7	138,689	138,457	99,695	248,701	164,575	214,820	0	277,910	293,052	278,320	291,773	297,593	333,744	304,748
8	140,472	140,103	101,045	251,635	167,084	218,855	0	281,293	296,532	281,664	294,852	301,078	337,926	309,891
9	159,150	159,190	114,527	285,820	189,347	248,126	0	319,262	336,821	319,649	335,092	341,827	383,389	351,607
10	166,702	166,648	119,811	299,456	197,696	258,266	0	334,357	352,722	334,683	350,793	358,698	401,413	368,303
11	96,816	96,408	69,909	173,781	113,876	147,990	0	194,758	205,173	194,994	204,335	206,686	233,755	214,376
12	132,095	132,257	95,223	231,806	152,793	198,144	61,106	256,498	270,314	256,811	268,553	272,894	371,737	282,572
13	99,602	99,415	71,663	178,688	117,028	152,122	0	200,304	211,019	200,519	210,072	212,673	240,590	220,557
14	96,807	95,713	68,988	169,796	112,638	149,153	7,555	231,049	243,495	230,969	272,869	278,605	275,148	290,685
15	145,931	145,504	104,822	261,173	172,486	224,379	0	292,762	308,570	293,196	297,387	299,164	351,759	308,256
16	114,832	115,699	83,392	207,740	136,889	179,047	0	232,243	244,761	232,929	249,046	252,887	281,273	265,670
17	173,630	173,418	124,953	311,289	205,599	268,063	0	348,445	367,461	348,872	339,128	343,235	418,272	351,853
18	111,234	111,241	80,197	199,497	131,961	171,791	0	223,541	235,607	223,740	234,528	237,691	268,638	246,328
19	121,306	120,982	87,191	217,101	143,477	187,084	0	243,568	256,848	243,867	255,224	259,216	292,448	268,186
20	97,028	96,529	69,677	173,644	114,100	148,328	0	194,744	205,206	195,062	204,219	206,495	233,801	214,451
21	133,748	134,041	96,450	239,847	159,005	208,062	0	268,229	282,750	268,541	281,553	285,826	322,080	295,207
22	108,064	107,703	77,739	193,474	128,112	168,781	0	216,462	172,657	216,892	227,269	230,263	260,171	238,049
23	153,397	153,068	110,238	273,250	181,347	238,122	0	307,209	169,526	307,575	320,639	323,641	368,921	338,287
24	162,859	162,249	116,671	291,758	192,768	253,125	0	325,979	343,879	326,564	338,150	345,078	391,429	359,009
25	122,146	121,963	87,716	218,128	144,097	188,203	0	244,607	257,902	245,021	256,732	260,366	293,887	269,366
26	129,872	129,723	93,661	230,551	152,211	198,898	0	261,389	275,844	261,871	274,458	278,428	350,044	287,967
27	118,778	118,550	85,332	212,711	140,163	182,839	0	248,603	261,380	250,588	250,046	253,327	285,934	276,543
28	184,672	184,321	132,860	330,818	219,316	287,338	0	369,093	389,413	369,551	387,134	394,803	443,020	406,350
29	148,111	147,822	106,533	265,143	175,076	230,473	0	296,298	312,534	296,730	311,059	315,663	355,786	326,188
30	154,156	153,528	110,990	275,726	182,946	240,092	0	308,328	325,292	308,710	323,899	328,523	370,133	339,462
31														
Pumps :	4,083,398	4,076,159	2,938,138	7,308,392	4,828,422	6,308,396	78,802	8,229,922	8,467,441	8,242,576	7,867,745	7,754,729	9,895,286	9,063,868
MIN :	96,807	95,713	68,988	169,796	112,638	147,990	0	194,744	169,526	194,994	117,701	0	233,755	214,376
MAX :	188,871	188,210	135,655	338,034	223,657	292,312	61,106	378,122	398,851	378,598	387,134	394,803	454,068	416,374
STATIONS :	29,621,707							24,939,938			15,622,474		9,895,286	9,063,868
TOTAL:	89,143,274													

Month/Year June 2018

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	118,590	118,703	85,918	208,880	132,755	167,047	260,988	262,172	264,423	264,041	219,924	225,038	310,236	228,987
2	111,369	111,106	80,229	196,303	123,487	155,030	242,608	245,702	252,629	245,602	259,807	264,626	296,886	271,942
3	108,230	108,743	78,507	191,253	120,656	151,195	238,437	238,434	244,306	241,217	203,838	208,961	233,468	213,805
4	117,301	117,017	84,312	202,425	127,230	158,291	255,740	257,446	261,423	258,654	252,657	256,326	289,296	264,687
5	77,431	78,252	56,523	137,077	85,728	108,034	157,973	155,131	158,614	155,597	141,779	144,126	41,278	148,576
6	103,246	103,303	74,541	182,000	114,409	143,473	226,719	228,894	237,199	229,119	218,074	223,748	249,589	228,469
7	99,042	99,002	71,813	175,949	110,342	139,013	216,875	219,194	226,786	219,136	209,028	214,274	238,988	218,938
8	138,046	138,118	99,775	246,483	156,255	198,106	302,797	305,662	315,617	306,284	291,734	297,707	332,544	305,370
9	141,964	142,131	102,431	252,125	159,637	202,287	310,918	313,498	324,836	314,334	299,324	306,287	342,405	313,524
10	119,115	119,210	85,787	212,923	135,548	172,443	261,623	263,869	275,177	264,168	251,204	258,847	287,595	263,262
11	153,968	154,293	111,348	275,097	171,595	221,097	337,138	320,872	335,620	321,075	313,087	321,263	388,353	334,058
12	133,074	133,078	96,539	232,603	146,214	183,907	289,966	303,570	313,101	304,343	282,941	289,639	324,953	235,254
13	101,266	144,340	104,196	257,642	162,287	206,113	315,810	317,960	333,325	318,105	303,556	311,328	346,670	317,761
14	0	126,668	91,625	226,362	142,790	180,580	276,354	279,448	291,706	279,757	266,710	271,928	305,015	279,291
15	0	166,199	119,696	297,468	190,587	243,584	363,706	366,957	384,132	367,285	349,641	357,333	400,312	366,635
16	0	169,919	122,478	304,590	199,048	256,139	372,314	375,615	393,196	376,057	357,808	366,518	409,795	375,149
17	0	163,785	117,896	293,959	192,578	249,922	359,535	361,776	380,016	362,085	344,677	355,960	394,526	361,427
18	0	178,442	128,668	320,515	208,275	269,723	391,718	393,632	411,233	394,076	375,046	387,706	444,281	393,427
19	3,766	132,281	95,431	237,275	153,201	196,572	289,779	291,921	304,486	292,297	278,430	285,670	324,368	292,809
20	0	187,731	135,292	334,974	214,133	274,668	410,007	414,937	433,077	415,564	408,844	419,507	453,060	413,220
21	66,044	161,435	116,470	282,816	178,021	225,537	349,068	356,906	371,336	357,668	362,811	369,056	415,146	379,893
22	188,435	188,835	136,356	328,641	206,919	260,720	411,950	416,676	432,805	418,896	377,893	387,676	432,475	395,916
23	121,172	121,428	87,811	212,415	132,268	166,080	264,255	268,423	280,923	268,577	261,012	267,097	297,827	274,808
24	125,451	126,251	91,223	216,236	133,991	167,248	272,670	280,105	293,374	280,493	269,809	274,213	308,739	282,301
25	161,416	162,018	117,134	283,609	144,498	222,017	351,683	344,982	360,195	345,382	322,292	328,686	376,649	335,057
26	143,837	144,933	104,387	255,201	160,053	202,857	313,260	321,008	334,980	321,829	306,666	311,859	355,942	289,460
27	181,358	181,796	131,107	322,282	203,994	259,332	396,825	402,458	419,243	403,148	384,091	393,340	439,662	402,368
28	127,745	128,128	92,593	225,731	140,863	178,065	277,678	283,815	294,603	284,088	271,282	275,742	310,036	283,337
29	135,929	135,862	98,124	240,511	150,815	190,783	296,057	301,334	314,578	300,945	293,735	300,374	362,976	307,311
30	170,532	171,873	124,285	302,914	187,644	236,637	372,919	380,381	392,406	381,325	356,369	363,971	416,076	373,373
31														
Pumps :	2,948,327	4,214,879	3,042,494	7,456,260	4,685,822	5,986,500	9,187,368	9,272,778	9,635,346	9,291,146	8,834,069	9,038,806	10,129,146	9,150,415
MIN :	0	78,252	56,523	137,077	85,728	108,034	157,973	155,131	158,614	155,597	141,779	144,126	41,278	148,576
MAX :	188,435	188,835	136,356	334,974	214,133	274,668	411,950	416,676	433,077	418,896	408,844	419,507	453,060	413,220
STATIONS :	37,521,650							28,199,270			17,872,875		10,129,146	9,150,415
TOTAL :	102,873,356													

Date June 2019
 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	67	54	61		
2		0.00	67	54	61		
3		0.00	72	58	65		
4		0.00	69	50	60		
5		0.00	69	60	64		
6		0.14	71	58	65		
7		0.00	70	57	63		
8		0.00	72	55	63		
9		0.00	71	50	61		
10		0.00	70	55	62		
11		0.93	72	61	66		
12		0.00	73	55	64		
13		1.48	65	53	59		
14		0.00	70	58	64		
15		0.00	76	58	67		
16		0.00	69	65	67		
17		0.00	73	61	67		
18		0.36	68	60	64		
19		0.84	66	59	63		
20		0.03	66	59	62		
21		0.86	66	60	63		
22		0.15	77	58	67		
23		0.00	81	57	69		
24		0.00	81	62	72		
25		0.26	69	63	66		
26		0.00	76	63	69		
27		0.00	75	62	68		
28		0.00	80	61	71		
29		0.00	75	67	71		
30		0.00	78	65	72		
31							
Total		5.05					
Average		0.17	71.9	58.6			
Max		1.48	81.2	67.0			
Min		0.0	65.0	50.1			

Date June 2018
 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	67	58	62		
2		0.00	78	59	69		
3		0.00	62	50	56		
4		2.05	53	49	51		
5		0.01	63	51	57		
6		0.00	61	52	57		
7		0.00	63	50	57		
8		0.00	67	54	61		
9		0.00	77	56	66		
10		0.00	71	55	63		
11		0.00	66	53	60		
12		0.00	72	52	62		
13		0.13	72	60	66		
14		0.00	77	63	70		
15		0.00	66	53	59		
16		0.00	78	54	66		
17		0.00	80	58	69		
18		0.03	75	63	69		
19		0.06	79	61	70		
20		0.00	76	55	66		
21		0.00	76	64	70		
22		0.00	72	60	66		
23		0.44	63	59	61		
24		0.05	68	61	65		
25		0.00	70	54	62		
26		0.00	74	51	62		
27		0.05	74	63	69		
28		0.55	68	64	66		
29		0.01	81	68	74		
30		0.00	82	66	74		
31							
Total		3.38					
Average		0.11	71.1	57.1			
Max		2.05	82.5	67.5			
Min		0.0	53.2	49.5			