

**TOWN OF HARWICH**  
**BOARD OF WATER COMMISSIONER'S AGENDA\***  
*Conference Room, Harwich Water Department*  
*196 Chatham Road, Harwich, MA*  
*Thursday, March 28, 2019, 8:00 a.m.*

- I. CALL TO ORDER
- II. PUBLIC COMMENTS/ANNOUNCEMENTS
- III. CONSENT AGENDA
  - A. Minutes
    - 1. February 25, 2019
- IV. ABATEMENTS
  - A. 10 Lucaya Lane
  - B. 35 Lakeview Drive - *Sign*
- V. OLD/UNFINISHED BUSINESS
  - A. Vernal Pool- *Update*
  - B. Lothrop Ave- *Update*
- VI. NEW BUSINESS
- VII. SUPERINTENDENT'S REPORT
- VIII. COMMISSIONER'S REPORT
- IX. CORRESPONDENCE/ANY OTHER BUSINESS
- X. NEXT MEETING: TBD
- XI. ADJOURNEMENT

*\*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](mailto:customerservice@harwichwater.com)*

Authorized Posting Officer:

*Tracey Alves*

Tracey Alves, Board Secretary

Posted By: \_\_\_\_\_

Town Clerk

Date: \_\_\_\_\_

Harwich Water Department  
BOARD OF WATER COMMISSIONERS  
Monday, February 25, 2019, 8:00 a.m.

Present: Chair Allin Thompson, Vice Chair Gary Carreiro, Clerk Judith Underwood, Superintendent Dan Pelletier, Comptroller Sandra Sieger, Sr. Billing Administrator Wellesley Marsh, Board Secretary Tracey Alves

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

Chair Thompson entertained a motion to approve the minutes from January 24, 2019 and February 12, 2019. Vice Chair Carreiro moved to approve the motion with a second by Clerk Underwood; 3-0-0.

Superintendent Pelletier relayed to the Board that he spoke with Finance Director Coppola and was advised on how to proceed with the articles.

Superintendent Pelletier provided the Board with an update on the vernal pool at Well # 11. The DEP will be releasing its draft Water Management Act permit soon which will provide insight as to the best way to proceed regarding the vernal pool.

An update was given on the Wireless RFP. Legal counsel responded to Verizon's proposal with a red-lined contract. A proposal is being put together by Interim Assistant Town Administrator Lawton to award the contract. Once the contract is finalized both Verizon and the Board of Selectmen will need to sign it before moving forward with construction.

The Board was provided with an update on HEA Reclassifications. Chair Thompson motioned to upgrade two positions, Administrative Assistant and Executive Assistant, for FY19/20 with an effective date of January 1, 2019. Vice Chair Carreiro moved to approve the motion with a second by Clerk Underwood; 3-0-0.

The Board reviewed a reimbursement/abatement request submitted by the property owner of 35 Lakeview Drive. Due to unique circumstances, Vice Chair Carreiro moved to approve the request with a second by Clerk Underwood; 3-0-0.

The next Board meeting will be held on Thursday, March 14, 2019 at 8:00 a.m.

Chair Thompson entertained a motion to adjourn at 9:17 a.m. Vice Chair Carreiro moved to approve the motion with a second by Clerk Underwood, all in favor; 3-0-0.

\_\_\_\_\_  
Allin P. Thompson, Chairman

\_\_\_\_\_  
Dan Pelletier, Superintendent

\_\_\_\_\_  
Gary Carreiro, Vice Chair

\_\_\_\_\_  
Tracey Alves, Board Secretary

\_\_\_\_\_  
Clerk, Judith Underwood

Abatement Application

Name of Applicant\* [Redacted]

Mailing Address\* [Redacted]

City/Town\* Ashland

State\* Massachusetts

Zip/Postal Code\* 01721

Phone Number\* [Redacted]

Mobile Phone Number [Redacted]

Email Address\* [Redacted]

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

Date of Water Use Charge\* June 21 2018

Name of Person Assessed (Owner)\* Jane Q Stefanini

Location and Description of Property\*

Residence at 10 Lucaya Lane, South Harwich, MA 02661

Total Amount Assessed\* \$396.46 <--- Please enter a number for "Total Amount Assessed"

Total Amount Requested\* \$396.46 <--- Please enter a number for "Total Amount Requested"

If request is for Water Usage, what is the requested amount? \$396.46 <--- Please enter a number for "If request is for Water Usage, what is the requested amount?"

Reason For Abatement Request\*

Ruptured water pipe caused excessive water use until the problem was discovered and the water was turned off. Insurance claim was filed but did not include compensation for water. Typical usage was Tier 1, less than 8000 gallons. Invoice #282950

SUBSCRIBED THIS DAY UNDER PENALTIES OF PERJURY\* February 24 2019

THE FILING OF THIS APPLICATION DOES NOT STAY THE COLLECTION OF THE CHARGE. IT SHOULD BE PAID AS ASSESSED. REFUND WILL FOLLOW IF ABATEMENT IS ALLOWED.

AGREE?  I AGREE

RECOMMENDATION: APPROVE  DENY

BOARD OF WATER COMMISSIONERS  
DATE SIGNATURE

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



03/12/2019 11:24  
talves

TOWN OF HARWICH - LIVE DATA  
UB Consumption History Report

P 1  
ubcnsing

Account Number Service	Customer # Name Mfr Meter Number	Cd	Read Date Time	Parcel By	Bill #	Curr Read	Location Usage Repl Usage	Charge Amt	Status Billed Amt
03331	303			25/R1-30-R			10 LUCAYA LN		Active
1WATER-	1 WTR USAGE N 37194141	A	12/28/2018		303725	606,000	0	0	35.00 35.00
1WATER-	1 WTR USAGE N 37194141	A	09/28/2018		293237	606,000	3,000	0	38.87 38.87
1WATER-	1 WTR USAGE N 37194141	A	06/27/2018		282950	603,000	87,000	0	396.46 396.46
1WATER-	1 WTR USAGE N 37194141	A	03/05/2018		272293	516,000	1,000	0	71.29 71.29
1WATER-	1 WTR USAGE N 37194141	A	09/06/2017		261507	515,000	5,000	0	76.45 76.45
1WATER-	1 WTR USAGE N 37194141	A	03/07/2017		250641	510,000	0	0	70.00 70.00
1WATER-	1 WTR USAGE N 37194141	A	09/07/2016		239845	510,000	7,000	0	79.03 79.03
1WATER-	1 WTR USAGE N 37194141	A	02/29/2016		228941	503,000	0	0	70.00 70.00
1WATER-	1 WTR USAGE N 37194141	A	09/01/2015		218302	503,000	13,000	0	86.77 86.77
1WATER-	1 WTR USAGE N 37194141	A	03/02/2015		207427	490,000	1,000	0	66.22 66.22
1WATER-	1 WTR USAGE N 37194141	A	08/25/2014		196784	489,000	8,000	0	74.76 74.76
1WATER-	1 WTR USAGE N 37194141	A	02/24/2014		186169	481,000	1,000	0	66.22 66.22
1WATER-	1 WTR USAGE N 37194141	A	08/26/2013		175611	480,000	17,000	0	88.30 88.30
1WATER-	1 WTR USAGE N 37194141	A	03/25/2013		167248	463,000	0	0	65.00 65.00
1WATER-	1 WTR USAGE N 37194141	A	09/24/2012		156694	463,000	12,000	0	78.92 78.92
1WATER-	1 WTR USAGE N 37194141	A	03/26/2012		146148	451,000	1,000	0	66.10 66.10
1WATER-	1 WTR USAGE N 37194141	A	09/19/2011		135616	450,000	10,000	0	76.00 76.00
1WATER-	1 WTR USAGE N 37194141	A	03/24/2011		124698	440,000	1,000	0	61.10 61.10
1WATER-	1 WTR USAGE N 37194141	A	09/20/2010		114347	439,000	14,000	0	75.40 75.40
1WATER-	1 WTR USAGE N 37194141	A	03/25/2010		103994	425,000	0	0	60.00 60.00
1WATER-	1 WTR USAGE N 37194141	A	09/21/2009		93884	425,000	14,000	0	60.00 60.00
1WATER-	1 WTR USAGE N 37194141	A	03/24/2009		83710	411,000	1,000	0	60.00 60.00
1WATER-	1 WTR USAGE N 37194141	A	09/22/2008		73639	410,000	18,000	0	66.00 66.00
1WATER-	1 WTR USAGE N 37194141	A	03/24/2008		63832	392,000	2,000	0	50.00 50.00
1WATER-	1 WTR USAGE N 37194141	A	09/25/2007		53981	390,000	15,000	0	50.00 50.00
1WATER-	1 WTR USAGE N 37194141	A	03/27/2007		44192	375,000	3,000	0	50.00 50.00
1WATER-	1 WTR USAGE A 003331	A	09/28/2006		34401	372,000	15,000	0	50.00 50.00
1WATER-	1 WTR USAGE A 003331	A	03/29/2006		24714	357,000	2,000	0	50.00 50.00
1WATER-	1 WTR USAGE A 003331	A	09/29/2005		15092	355,000	9,000	0	50.00 50.00
1WATER-	1 WTR USAGE A 003331	A	04/14/2005		3331	346,000	2,000	0	50.00 50.00
1WATER-	1 WTR USAGE A 003331	A	10/14/2004		9033274	344,000	13,000	0	50.00 50.00
1WATER-	1 WTR USAGE A 003331	A	04/08/2004		9033273	331,000	3,000	0	50.00 50.00
1WATER-	1 WTR USAGE A 003331	A	10/22/2003		9033272	328,000	3,000	0	50.00 50.00
1WATER-	1 WTR USAGE A 003331	A	04/28/2003		9033271	325,000	6,000	0	25.00 25.00
1WATER-	1 WTR USAGE A 003331	A	11/01/2002		9033270	319,000	13,000	0	25.00 25.00
1WATER-	1 WTR USAGE A 003331	A	06/03/2002		9033269	306,000	17,000	0	28.50 28.50
1WATER-	1 WTR USAGE A 003331	A	01/29/2002		9033268	289,000	24,000	0	40.75 40.75
1WATER-	1 WTR USAGE A 003331	A	02/13/2001		9033267	265,000	15,000	0	25.00 25.00
1WATER-	1 WTR USAGE A 003331	A	08/03/2000		9033266	250,000	16,000	0	26.75 26.75
1WATER-	1 WTR USAGE A 003331	A	04/21/2000		9033265	234,000	18,000	0	30.25 30.25

\*\* END OF REPORT - Generated by Tracey \*\*

Accounts

Account: 03331

10 LUCAYA LN.

2/25/19 ABATEMENT REQUEST RECEIVED. EMAILED OWNER THAT BOWC WILL REVIEW AT THEIR NEXT MEETING ON 3/14/19. TA  
 2/22/19 OWNER MAY BE FILING FOR AN ABATEMENT SOON FOR A LEAK THAT OCCURRED AT HIS PROPERTY THAT HAS SINCE BEEN FIXED.

6/1/17 SENT SHUT OFF LETTER WITH WEEK OF 6/12 AS TERMINATION PERIOD.  
 11/18/16 BALANCE TRANSFERRED TO TAX / LIEN \$136.77  
 10/25/16 SENT LIEN LETTER FOR UNPAID BALANCE. WM

6/5/15 SENT SHUT OFF LETTER WITH A 6/12 PAY DATE. WM  
 11/25/14 BALANCE TRANSFERRED TO TAX / LIEN \$254.52

6/18/13 NON-SEASONAL ON. ANNA  
 6/18/13 WE PROCESSED PAYMENT OVER THE PHONE FOR THE OWNER. TURN ON SCHEDULED. WM  
 6/13/13 WATER SHUT OFF. ANNA  
 6/10/13 HANG CARD FOR 6/12 (PLEASE DO NOT DISCLOSE DATE TO CUSTOMER)  
 5/29/13 SHUT OFF LETTER SENT WITH 6/7/13 PAYMENT DEADLINE. WM

11/7/12 BALANCE TRANSFERRED TO TAX/LIEN \$237.10.  
 8/14/12 OWNER WILL SEND PAYMENT. SHE THOUGHT HER HUSBAND WAS PAYING. WM

8/10/12 SENT LIEN LETTER FOR UNPAID BALANCE. WM

2/9/11 INSTALLED RADIO 044000

7/27/09 SENDING PAYMENT. WM

8/13/08 BALANCE TRANSFER TO TAX / LEIN \$250.00

DATE	CODE	READING	USAGE	AMOUNT	BALANCE
05/13/2005	1			50.00-	.00
04/14/2005	10	346000	2000	50.00	50.00
11/29/2004	1			50.00-	.00
10/14/2004	10	344000	13000	50.00	50.00
05/17/2004	1			25.00-	.00
04/08/2004	65			50.00	25.00
04/08/2004	10	331000	3000	50.00	25.00-
12/11/2003	1			75.00-	75.00-
11/12/2003	1			50.00-	.00
10/22/2003	10	328000	3000	50.00	50.00
05/09/2003	1			35.00-	.00
04/28/2003	65			50.00	35.00
04/28/2003	10	325000	6000	25.00	15.00-
01/09/2003	1			40.00-	40.00-
11/15/2002	1			25.00-	.00
11/01/2002	10	319000	13000	25.00	25.00
06/18/2002	1			28.50-	.00
06/03/2002	10	306000	17000	28.50	28.50
03/14/2002	1			40.75-	.00
01/29/2002	10	289000	24000	40.75	40.75
03/26/2001	1			25.00-	.00
02/13/2001	10	265000	15000	25.00	25.00
10/03/2000	1			26.75-	.00
08/03/2000	10	250000	16000	26.75	26.75
05/31/2000	1			30.25-	.00
04/21/2000	10	234000	18000	30.25	30.25
10/23/1999	100			.00	.00





03/12/2019 11:26  
talves

TOWN OF HARWICH - LIVE DATA  
ACCOUNT SUMMARY

P 1  
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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	
03331 10	LUCAYA LN	303293						.00	325.00	325.00
		02/22/2019	303725		HP & MA 02645	Pmt Pr	25/R1-30-R			
		01/10/2019	303725		1WATER-001	Charge	CHECK			
		02/22/2019	293237		LFEE -001	Pmt Pr	CHECK	Chk/Ref # 517	-35.00	
		02/22/2019	293237		1WATER-001	Charge	CHECK	606000	35.00	
		12/21/2018	293237		LFEE -001	Penlty		Chk/Ref # 517	-25.00	
		10/15/2018	293237		1WATER-001	Charge		Chk/Ref # 517	-38.87	
		10/03/2018	282950		LFEE -001	Penlty		606000	25.00	
		08/13/2018	282950		1WATER-001	Revers		3000	38.87	
		08/13/2018	282950		1WATER-001	Pmt Pr	BANK XFER		25.00	
		08/10/2018	282950		1WATER-001	Pmt Pr	BANK XFER		96.46	
		06/29/2018	282950		1WATER-001	Charge	BANK XFER		-96.46	
		08/13/2018	272293		LFEE -001	Revers		603000	396.46	
		08/13/2018	272293		1WATER-001	Revers	BANK XFER	87000	50.00	
		08/13/2018	272293		LFEE -001	Pmt Pr	BANK XFER		71.29	
		08/13/2018	272293		1WATER-001	Pmt Pr	BANK XFER		-50.00	
		08/10/2018	272293		LFEE -001	Pmt Pr	BANK XFER		-71.29	
		08/10/2018	272293		1WATER-001	Pmt Pr	BANK XFER		-50.00	
		06/01/2018	272293		LFEE -001	Penlty			-71.29	
		03/20/2018	272293		1WATER-001	Charge		516000	50.00	
		08/13/2018	261507		LFEE -001	Revers		1000	71.29	
		08/13/2018	261507		1WATER-001	Revers	BANK XFER		50.00	
		08/13/2018	261507		LFEE -001	Pmt Pr	BANK XFER		76.45	
		08/13/2018	261507		1WATER-001	Pmt Pr	BANK XFER		-50.00	
		08/10/2018	261507		LFEE -001	Pmt Pr	BANK XFER		-76.45	
		08/10/2018	261507		1WATER-001	Pmt Pr	BANK XFER		-50.00	
		11/28/2017	261507		LFEE -001	Penlty			-76.45	
		09/15/2017	261507		1WATER-001	Charge		515000	50.00	
								5000	76.45	

\*\* END OF REPORT - Generated by Tracey \*\*

# Abatement Request

Account # 04770 / 35 Lakeview Drive

Amount: \$216.50

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Good morning,

The water main break in January on Queen Anne Road between Lakeview Drive and Oak Street caused my water tank to drain, and subsequently the heating elements to explode. Harwich Port Heating and Cooling came on January 18th to replace the elements. I'd like to know if the town can reimburse me for this expense, as it was a brand new tank and this only happened because of the water main break at the top of my street. When I called the Water Dept. the day the service was rendered, I was told to email in the invoice for review. I just received the invoice on Saturday. Attached is the invoice. Thank you.

Very respectfully,

RECOMMENDATION:

APPROVE



DENY



BOARD OF WATER COMMISSIONERS

DATE

SIGNATURE

\* Approved at  
Board meeting of:  
February 25, 2019

_____	_____
_____	_____
_____	_____

# HARWICH PORT

## HEATING AND COOLING

HEATING • COOLING • ELECTRICAL • PLUMBING

### PLUMBING DIVISION

## INVOICE

DATE

1/29/2019

INVOICE #

0000027877

CUST #

0015987

Job:

LOCATION:

**BILL TO:**

35 Lakeview Drive  
Harwich MA 02645

35 Lakeview Drive  
Harwich MA 02645

Work

Home

QTY	DESCRIPTION	Price Each	AMOUNT
	Job Date 01/18/2019: Report of no hot water. -Drained water tank and replaced the two lower elements that had burnt out.		
2.00	4500W/240V HOT WATER HEATER ELEMENT	14.50	29.00
1.00	Plumbing labor	187.50	187.50
<b>TOTAL</b>			<b>\$216.50</b>

We now offer sewer & drain cleaning services for inside & outside your house!  
Including Emergency Services, Maintenance, Video Inspection & Location.

461 LOWER COUNTY ROAD - HARWICH PORT MA 02646 - TEL (508) 432-3959 - FAX (508) 432-6075



Month/Year February 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	35,521	21,712	15,507	38,327	24,289	31,358	46,678	100,478	106,021	100,722	103,075	105,023	120,868	110,775
2	77,838	92,266	66,296	163,960	106,138	135,642	201,077	12,673	13,267	12,753	13,462	13,647	15,426	14,272
3	50,067	36,193	25,974	64,764	41,165	52,912	79,136	77,097	81,333	77,270	80,786	82,046	92,721	85,036
4	0	0	0	0	0	0	0	149,346	157,498	149,645	156,433	158,562	179,471	164,542
5	51,399	62,865	45,406	112,557	72,567	92,385	138,011	0	0	0	0	0	0	0
6	11,555	0	0	0	0	0	0	96,455	101,484	99,384	105,287	107,153	120,623	110,622
7	72,688	72,518	52,322	129,701	83,519	106,450	159,402	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	150,048	158,192	150,344	157,509	159,664	180,424	165,303
9	76,943	76,865	55,452	137,018	88,153	112,133	168,692	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	151,135	159,441	151,503	158,634	160,444	181,650	166,567
11	24,045	38,011	27,444	67,560	43,475	54,888	83,373	0	0	0	0	0	30,561	0
12	35,300	21,304	15,509	49,104	24,173	40,715	47,010	96,812	102,020	97,095	101,600	102,937	94,399	106,712
13	48,751	48,853	35,221	85,389	54,934	69,271	106,950	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	166,311	175,478	166,465	174,351	176,712	184,696	183,069
15	74,925	75,246	54,114	133,200	85,450	108,197	164,767	0	0	0	0	0	0	0
16	61,262	61,616	44,719	107,515	69,231	87,431	134,849	75,970	80,144	76,065	79,816	80,655	91,340	83,766
17	78,803	79,043	56,916	139,136	89,269	112,985	173,419	0	0	0	0	0	0	0
18	35,161	35,254	25,457	62,146	39,788	50,577	77,207	55,596	58,464	55,280	57,775	58,923	54,141	63,825
19	36,575	36,718	26,573	65,614	42,740	54,666	80,015	54,457	57,505	55,019	57,651	57,277	78,056	57,410
20	0	0	0	0	0	0	0	75,361	79,466	75,510	78,899	79,916	90,441	82,976
21	61,851	61,944	44,629	111,051	72,352	92,862	135,636	64,540	68,040	64,687	67,467	67,847	77,446	71,045
22	0	0	0	0	0	0	0	148,061	156,137	148,338	155,261	156,737	177,820	163,040
23	80,037	80,224	57,673	144,036	94,425	121,323	176,179	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	80,568	84,943	80,811	84,376	85,624	96,839	88,689
25	73,243	73,431	52,849	120,463	85,541	100,573	160,647	65,297	68,840	65,431	68,366	68,774	78,383	71,770
26	0	0	0	0	0	0	0	109,623	115,431	110,108	115,458	116,799	125,088	101,885
27	75,111	75,713	54,349	135,377	88,117	112,917	165,889	0	0	0	0	0	0	0
28	27,855	27,917	20,185	49,670	31,775	40,564	60,894	62,275	65,523	62,432	65,465	65,909	74,983	68,664
29														
30														
31														
<b>Pumps :</b>	1,088,928	1,077,691	776,596	1,916,589	1,237,102	1,577,848	2,359,829	1,792,101	1,889,224	1,798,863	1,881,671	1,904,649	2,145,376	1,959,968
<b>MIN :</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MAX :</b>	80,037	92,266	66,296	163,960	106,138	135,642	201,077	166,311	175,478	166,465	174,351	176,712	184,696	183,069
<b>STATIONS :</b>	10,034,585							5,480,188			3,786,320		2,145,376	1,959,968
<b>TOTAL:</b>								23,406,437					2,145,376	1,959,968

Month/Year February 2018

## Monthly Pumpage Report Harwich Water Department

PWS No. 4126000

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	56,519	56,474	45,339	92,582	59,217	72,357	123,087	126,509	0	124,055	118,300	110,770	135,494	122,887
2	27,662	27,654	22,168	45,251	28,920	35,476	60,159	61,765	0	60,749	57,868	54,149	66,364	60,090
3	32,230	32,695	25,962	54,450	34,362	42,558	70,605	73,376	0	71,117	67,666	64,027	77,589	70,987
4	48,001	48,023	38,393	73,751	48,651	58,382	104,543	105,428	0	105,536	100,613	92,805	115,076	102,609
5	31,886	32,054	25,552	53,553	33,848	41,771	69,597	72,322	0	70,106	66,738	63,176	76,496	69,946
6	36,024	36,055	28,945	64,220	36,958	51,377	78,462	118,746	0	114,960	84,446	103,409	86,741	113,248
7	56,003	56,158	44,912	91,053	58,455	71,165	122,129	125,561	0	123,087	117,377	110,017	134,473	122,019
8	36,910	37,103	29,717	63,907	39,869	49,557	79,994	71,407	0	69,251	253	40,450	87,372	75,555
9	46,692	46,662	37,372	81,614	50,833	63,758	101,535	106,841	0	103,186	0	0	112,465	102,881
10	42,608	42,665	34,102	75,771	46,974	59,024	93,258	98,127	0	94,298	0	0	102,887	94,176
11	42,856	42,806	34,357	76,186	47,099	59,029	93,888	98,796	0	95,086	0	0	103,446	94,607
12	60,346	60,360	48,357	100,355	63,667	78,315	131,496	135,708	8,861	133,722	0	0	145,684	133,500
13	42,109	42,018	33,672	74,658	46,256	57,940	92,130	97,168	0	93,256	0	0	101,668	93,083
14	39,418	39,565	31,488	69,853	43,201	54,090	86,188	91,166	0	87,404	0	0	95,138	87,148
15	63,729	63,873	51,167	108,616	68,281	84,514	139,296	145,444	0	141,369	47,458	46,961	153,930	140,015
16	41,127	41,057	32,932	64,488	41,911	50,679	89,326	91,608	3,557	91,512	86,875	85,652	99,853	89,603
17	25,653	25,640	20,616	41,778	26,797	32,681	55,865	57,591	0	56,985	54,218	53,942	62,230	56,405
18	50,654	50,598	40,617	81,543	52,491	64,032	110,808	113,822	0	112,775	107,264	106,409	123,026	111,345
19	27,195	27,146	21,862	44,613	28,535	34,877	59,680	61,407	0	60,532	57,815	57,557	66,167	60,276
20	48,114	48,079	38,604	75,734	49,414	59,595	105,033	107,390	4,177	107,273	101,924	100,588	114,476	104,792
21	19,129	19,246	15,362	29,603	19,467	23,432	41,389	32,970	31,145	33,468	70,040	71,373	114,359	32,587
22	45,608	45,557	36,576	66,984	45,071	52,936	99,427	99,579	92,975	101,713	96,661	94,872	110,891	98,356
23	26,048	26,029	20,900	40,597	26,585	31,931	56,900	57,956	56,827	58,076	55,226	54,961	63,318	57,333
24	28,914	28,859	23,143	45,919	29,762	36,122	63,008	64,665	64,748	64,141	60,983	61,143	69,883	63,966
25	45,005	45,041	36,082	66,035	44,588	52,205	98,203	98,449	91,508	100,398	95,624	93,758	245,460	97,236
26	32,058	32,222	25,901	48,984	32,405	38,644	70,203	71,982	68,140	72,236	65,232	64,847	77,910	70,870
27	30,248	30,322	24,337	50,959	32,167	39,596	65,985	69,229	70,601	0	63,109	63,589	73,395	67,202
28	28,224	28,426	22,725	43,355	28,425	34,183	61,021	63,367	62,365	63,142	60,155	60,145	69,225	62,787
29														
30														
31														
<b>Pumps :</b>	1,110,970	1,112,386	891,163	1,826,415	1,164,208	1,430,226	2,423,215	2,518,381	554,904	2,409,432	1,635,845	1,654,600	2,885,016	2,455,509
<b>MIN :</b>	19,129	19,246	15,362	29,603	19,467	23,432	41,389	32,970	0	0	0	0	62,230	32,587
<b>MAX :</b>	63,729	63,873	51,167	108,616	68,281	84,514	139,296	145,444	92,975	141,369	117,377	110,017	245,460	140,015
<b>STATIONS</b>	9,958,582							5,482,718			3,290,445		2,885,016	2,455,509
<b>TOTAL:</b>	24,072,270													

Date February 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	25	13	19		
2		0.00	34	11	23		
3		0.00	37	28	32		
4		0.00	48	31	39		
5		0.00	51	36	43		
6		0.00	42	33	38		
7		0.27	42	37	40		
8		0.02	43	33	38		
9		0.00	36	27	32		
10		0.00	36	24	30		
11		0.02	36	26	31		
12		0.76	39	24	31		
13		0.14	46	34	40		
14		0.00	42	30	36		
15		0.13	48	31	39		
16		0.00	45	32	39		
17		0.00	38	29	33		
18		0.47	37	29	33		
19		0.00	32	23	28		
20		0.00	31	23	27		
21		0.36	44	30	37		
22		0.00	43	30	36		
23		0.00	40	29	35		
24		0.64	46	33	40		
25		0.00	43	31	37		
26		0.00	36	24	30		
27		0.00	28	20	24		
28		0.11	33	17	25		
29							
30							
31							
<b>Total</b>		<b>2.92</b>					
<b>Average</b>		<b>0.10</b>	<b>39.3</b>	<b>27.4</b>			
<b>Max</b>		<b>0.76</b>	<b>51.4</b>	<b>37.1</b>			
<b>Min</b>		<b>0.0</b>	<b>25.4</b>	<b>11.5</b>			

Date February 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	42	33	38		
2		0.36	40	19	29		
3		0.00	32	15	23		
4		1.45	45	32	38		
5		0.55	48	29	39		
6		0.00	35	26	30		
7		1.50	47	26	36		
8		0.05	41	25	33		
9		0.00	35	21	28		
10		0.27	49	35	42		
11		2.20	51	45	48		
12		0.34	50	33	41		
13		0.00	37	30	34		
14		0.00	45	32	38		
15		0.20	44	38	41		
16		0.32	51	38	45		
17		0.15	40	32	36		
18		0.48	44	30	37		
19		0.02	47	28	38		
20		0.02	48	44	46		
21		0.02	50	45	47		
22		0.02	48	36	42		
23		0.02	44	33	38		
24		0.15	55	41	48		
25		1.05	45	40	43		
26		0.00	48	36	42		
27		0.00	50	31	41		
28		0.00	51	39	45		
29							
30							
31							
<b>Total</b>		<b>9.17</b>					
<b>Average</b>		<b>0.33</b>	<b>45.0</b>	<b>32.6</b>			
<b>Max</b>		<b>2.20</b>	<b>54.8</b>	<b>44.8</b>			
<b>Min</b>		<b>0.0</b>	<b>31.7</b>	<b>15.0</b>			