



*Town of Chatham*  
*Department of Public Works*  
*221 Crowell Road*  
*Chatham, MA 02633*



Tel: (508) 945-5155  
Fax: (508) 945-5152  
[www.chatham-ma.gov](http://www.chatham-ma.gov)

TO: Honorable Select Board  
Jill R. Goldsmith, Town Manager

FROM: Rob Faley, Director, Department of Public Works

DATE: July 4, 2024 (for the July 9, 2024 SB Meeting)

SUBJECT: Chatham Wells, PFAS, and Drinking Water Testing and Pumping Update

The following is a water supply update for the month of June 2024:

**Veolia began Water and Sewer Operations and Maintenance services on Monday, July 1, 2024:**

1. All existing Weston and Sampson staff were absorbed by the new Veolia contract.
2. Migration of new computer equipment, software updates, and vehicles is ongoing. There is no interruption to support services, but part of the reason this report is in more of a basic format.

**Training Field Wells 5 and 8 - Permanent Treatment Facility**

**Temporary Treatment at Well 5:**

1. Project Update:
  - Well 5 continues to provide water through the temporary GAC filter for the summer.

**Permanent Treatment Facility at Wells 5 & 8:**

1. Project Update:
  - The site on Training Field Road has been cleared and grubbed.
  - Winston Builders is preparing to mobilize to begin construction of the treatment facility.



### **Mill Pond Wells 10 and 11 - Pumping & Treatment Construction**

#### **Project Progress**

1. We are still waiting for the Office of Energy and Environmental Affairs to provide approval for Well #10 to go on-line.
2. Well #11 is back on-line after warranty issues with the well pump were discovered and resolved. New filters were installed on the VFD as a precautionary measure.

#### **Chatham Water Pumping Status:**

For the month of June, wells have been running 8-15 hours a day.

The Water Storage Tanks did hit the low-level alarm this month on 6/12 (Wed.) and 6/24 (Mon.).

## June 2023 vs June 2024

DATE	June 2023 Daily Gross Pumpage	June 2024 Daily Gross Pumpage	June 2023 vs. June 2024 Increase / Decrease (Gallons)	June 2023 vs June 2024 Increase / Decrease (Percent)
1	2,463,300	1,502,100	(961,200)	-39%
2	2,033,600	2,557,600	524,000	26%
3	1,804,000	1,408,300	(395,700)	-22%
4	2,574,600	2,212,600	(362,000)	-14%
5	1,669,000	1,398,800	(270,200)	-16%
6	2,287,300	1,571,700	(715,600)	-31%
7	2,177,800	1,523,800	(654,000)	-30%
8	2,708,700	1,771,000	(937,700)	-35%
9	2,045,200	2,383,800	338,600	17%
10	2,465,400	1,506,600	(958,800)	-39%
11	2,878,200	2,000,900	(877,300)	-30%
12	2,072,000	1,971,900	(100,100)	-5%
13	2,144,800	2,312,100	167,300	8%
14	1,981,800	1,457,700	(524,100)	-26%
15	2,587,500	2,141,700	(445,800)	-17%
16	2,021,300	2,696,100	674,800	33%
17	1,797,500	2,279,700	482,200	27%
18	2,476,300	2,786,400	310,100	13%
19	2,087,500	2,257,000	169,500	8%
20	2,781,300	2,684,000	(97,300)	-3%
21	2,109,900	2,537,100	427,200	20%
22	2,750,600	2,529,400	(221,200)	-8%
23	1,924,700	2,632,900	708,200	37%
24	2,085,000	2,373,400	288,400	14%
25	2,787,700	2,887,500	99,800	4%
26	1,984,400	2,101,700	117,300	6%
27	1,941,900	2,509,000	567,100	29%
28	1,900,100	2,246,300	346,200	18%
29	2,767,300	2,654,900	(112,400)	-4%
30	2,433,400	2,973,200	539,800	22%
<b>Total</b>	<b>67,742,100</b>	<b>65,869,200</b>	<b>(1,872,900)</b>	<b>-2.8%</b>

## June 2024 Pumping Report

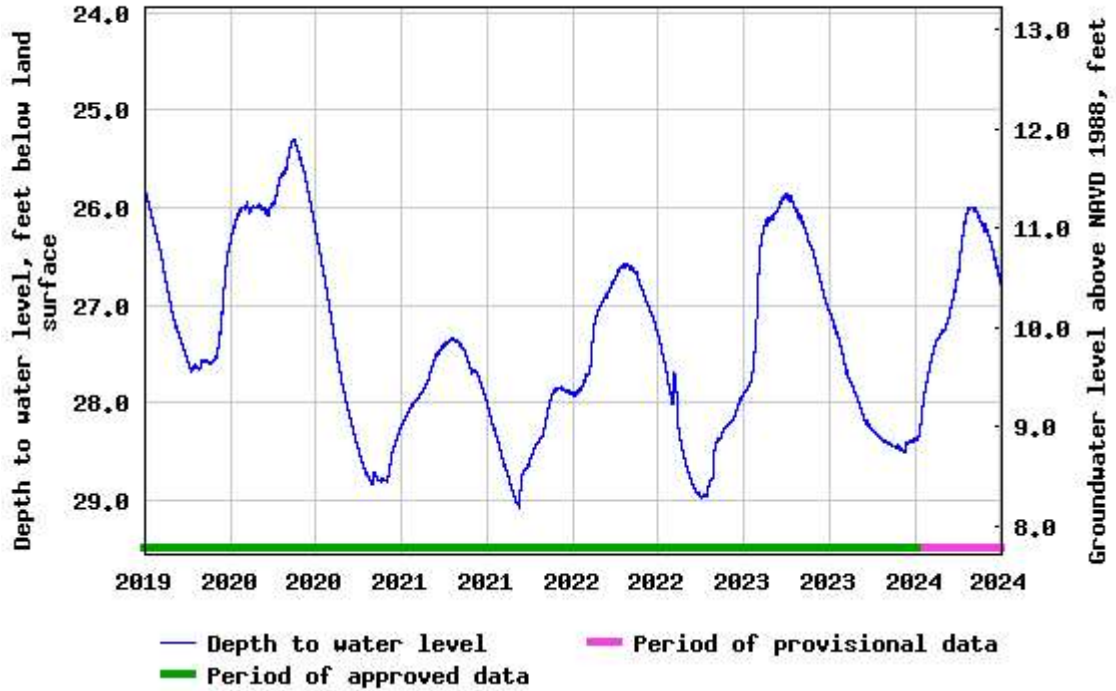
Chatham Water Department MONTHLY PUMPAGE REPORT										JUNE 2024	
DATE	DAY	South Chatham Well #1, 2 & 3	Indian Hill Road Well#4	Training Field Rd Well #5	Tirrell's Way Well #6	Eben's Way Well #7	Training Field Rd Well #8	South Chatham Well #9	Mill Hill Rd Wells #10 & 11	Daily Gross Pumpage	7 Day Pumpage Totals
1		500,300	289,900		190,900	307,800		213,200		1,502,100	1,502,100
2		924,400	272,900		365,100	598,200		397,000		2,557,600	4,059,700
3		441,000	305,700		176,200	289,600		195,800		1,408,300	5,468,000
4		711,800	290,700	53,600	313,900	520,600		322,000		2,212,600	7,680,600
5		423,000	209,200	22,200	194,300	310,800		239,300		1,398,800	9,079,400
6		540,900	349,900	3,500	185,500	306,700		185,200		1,571,700	10,651,100
7		526,500	217,700		209,700	337,600		232,300		1,523,800	12,174,900
8		427,100	155,800		312,300	505,100		370,700		1,771,000	12,443,800
9		785,100	447,900		309,900	506,100		334,800		2,383,800	12,270,000
10		521,600	218,500		207,000	343,000		216,500		1,506,600	12,368,300
11		622,600	413,700	129,700	219,300	360,700		254,900		2,000,900	12,156,600
12		670,700	297,300	10,500	265,900	438,200		289,300		1,971,900	12,729,700
13		629,700	299,500	93,400	348,700	568,400		372,400		2,312,100	13,470,100
14		581,700	21,300	24,600	223,500	362,300		244,300		1,457,700	13,404,000
15		801,100		1,600	354,000	589,900		395,100		2,141,700	13,774,700
16		1,011,300	146,200	117,700	378,900	620,700		421,300		2,696,100	14,087,000
17		725,800	405,300	138,900	265,900	442,700		301,100		2,279,700	14,860,100
18		913,800	495,400	335,900	271,300	442,200		327,800		2,786,400	15,645,600
19		591,200	270,200	301,200	317,500	522,200		254,700		2,257,000	15,930,700
20		726,100	507,700	324,900	286,100	481,100		358,100		2,684,000	16,302,600
21		863,000	442,800	277,700	253,000	414,900		285,700		2,537,100	17,382,000
22		754,900	368,700	258,200	297,800	509,800		340,000		2,529,400	17,769,700
23		670,800	290,300	220,000	399,100	614,900		437,800		2,632,900	17,706,500
24		665,300	371,900	246,400	277,600	499,300		312,900		2,373,400	17,800,200
25		791,800	555,400	380,800	307,000	529,000		323,500		2,887,500	17,901,300
26		676,900	286,300	195,700	246,900	402,500		293,400		2,101,700	17,746,000
27		706,600	402,500	279,000	310,800	508,200		301,900		2,509,000	17,571,000
28		691,100	385,200	259,600	224,400	388,900		297,100		2,246,300	17,280,200
29		839,300	371,500	261,900	312,200	515,600		354,400		2,654,900	17,405,700
30		783,200	411,200	281,100	421,200	706,400		370,100		2,973,200	17,746,000
31											15,372,600
Total		20,518,600	9,500,600	4,218,100	8,445,900	13,943,400		9,242,600		65,869,200	65,869,200
								Minimum			
								Maximum		2,973,200	
								Average		2,124,813	

## Annual Pumping 2024 YTD

Chatham, MA Water System - Annual Pumping Data										2024	
	Well #1,2,&3	Well #4	Well #5	Well #6	Well #7	Well #8	Well #9	Well 10&11	Monthly Total	Last Years Pumping	Variance
January	13,524,300	198,400	0	1,076,200	988,300	0	788,400	0	16,575,600	17,179,500	-603,900
February	10,556,600	12,400	0	1,482,600	1,583,000	0	1,061,000	0	14,695,600	17,798,000	-3,102,400
March	5,107,800	55,000	0	3,571,000	4,877,400	0	3,321,700	0	16,932,900	17,807,500	-874,600
April	9,948,800	34,400	1,494,800	2,658,000	4,258,000	0	3,080,100	305,700	21,779,800	21,827,900	-48,100
May	15,017,600	1,666,000	3,970,600	4,242,600	6,460,900	0	4,615,500	1,277,200	37,250,400	49,497,500	-12,247,100
June	20,518,600	9,500,600	4,218,100	8,445,900	13,943,400	0	9,242,600	0	65,869,200	67,742,100	-1,872,900
July									0		0
August									0		0
September									0		0
October									0		0
November									0		0
December									0		0
Totals	74,673,700	11,466,800	9,683,500	21,476,300	32,111,000	0	22,109,300	1,582,900	173,103,500	191,852,500	-18,749,000

# USGS Observation Well Data

USGS 414101070011001 MA-CGM 138R CHATHAM, MA



USGS 414632070014901 MA-BMM 22R BREWSTER, MA

