



# Town of Chatham

549 Main Street, Chatham, MA 02633

(508) 945-5100

[www.chatham-ma.gov](http://www.chatham-ma.gov)



## Select Board

Dean P. Nicaastro, Chair  
Jeffrey Dykens, Vice Chair  
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Cory Metters, Member

## Town Manager

Jill R. Goldsmith  
[jgoldsmith@chatham-ma.gov](mailto:jgoldsmith@chatham-ma.gov)  
Phone: 508-945-5105

## SELECT BOARD AGENDA REPORT

To: Honorable Select Board

From: Jill R. Goldsmith, Town Manager  
Rob Faley, Director of Public Works

Date: January 7, 2026 (for the Select Board meeting of January 13, 2026)

Subject: Chatham Wells, PFAS, and Drinking Water Testing and Pumping Report and Drought Update

The following is a water supply update for the month of December 2025:

Chatham's wells have been pumping 3-5 hours per day.  
The water tanks did not hit the low-level alarm this month.

### **Training Field Wells 5 and 8 – Permanent Treatment Facility**

#### 1. Project Update:

- Outside:
  - i. Finished grade around site.
  - ii. Pavement binder course placed in rear of building.
  - iii. Generator installed on pad and wiring complete.
  - iv. Well pumps for 5 & 8 have been pulled and cleaned.
  - v. Conduit has been run to the pump houses.
- Inside:
  - i. Plumbing complete with exception of restroom fixtures.
  - ii. HVAC pipes are insulated and ready for start-up.
  - iii. Chemical room supply piping is 75% complete.
  - iv. Electrical work is ongoing.



## Irrigation Meter Update

- 635 letters went out on August 22<sup>nd</sup>, to property owners who have a registered irrigation system, but no second meter installed (144 had already paid and 491 had not). Since then, we have sold over \$95,000 (475) irrigation meters. 417 irrigation meters have been installed for a total of 1,272 operable irrigation meters in Chatham.
- We have also verified that 56 properties who have previously registered are now on a well. 40 properties have completely disconnected from the town's water supply. 40 properties are on the exception report.
- As of 1/7/2026, 6 properties still have not paid for a second meter and have been fined \$28,200.00 so far. Additional fines for 29 property owners have begun again as the 90-day window to install their irrigation meter has lapsed. That number continues to grow.

### **Water Sampling**

- 10 bacteria samples were taken for the month of December. All were free of bacteria.
- Alkalinity and Orthophosphate samples were taken from the treatment plants.

### **Station Maintenance**

- Routine and annual maintenance and housekeeping was performed at all stations.
- Static and dynamic (drawdowns) water level readings were recorded for each well.
- Received Morton Rd plant evaluation from H&T.

### **System Maintenance**

- DEP backflows completed.
- BCI repaired 5 curb boxes/stops & leak on Windmill Ln.
- Continued irrigation inspections & double appointments for meter installs.

### **Meter Reading**

- Completed December reading.
- Re-Reads and meter replacements completed.

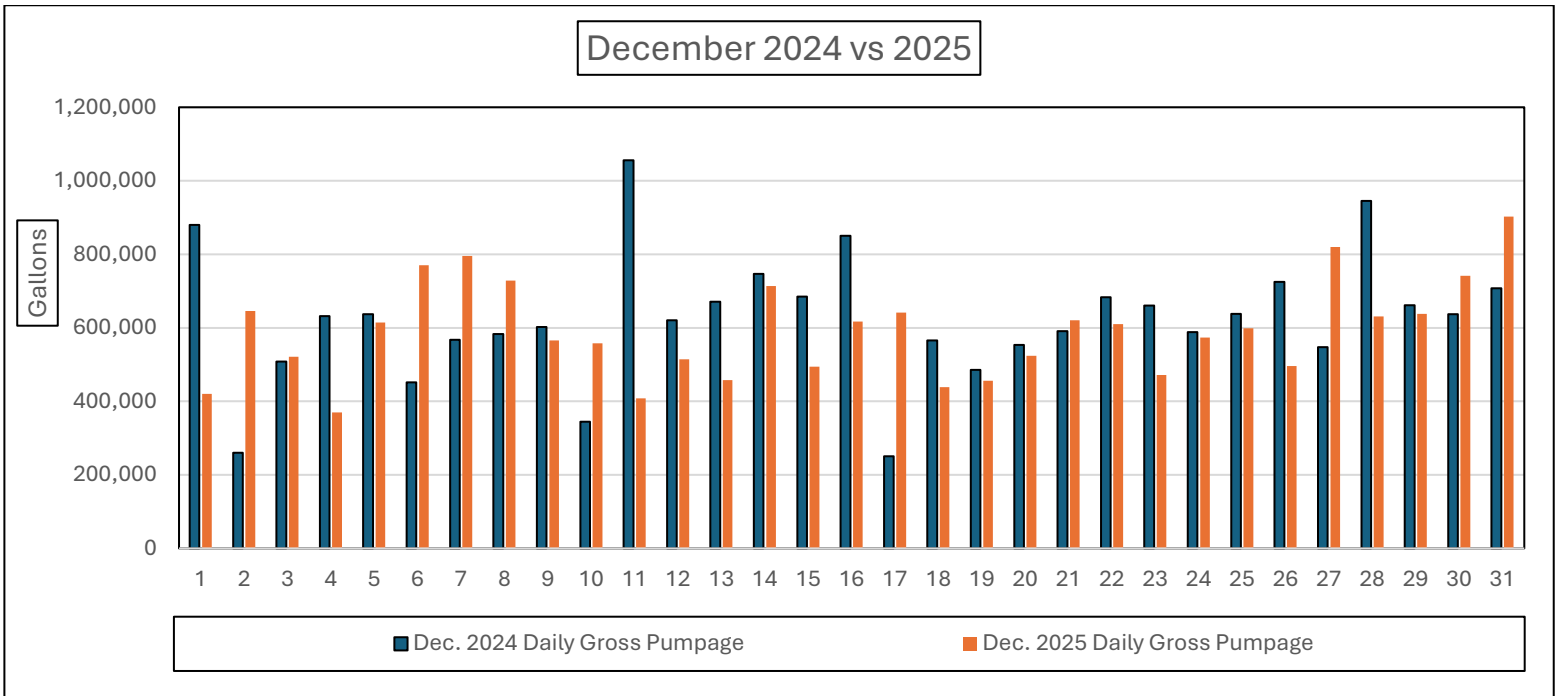
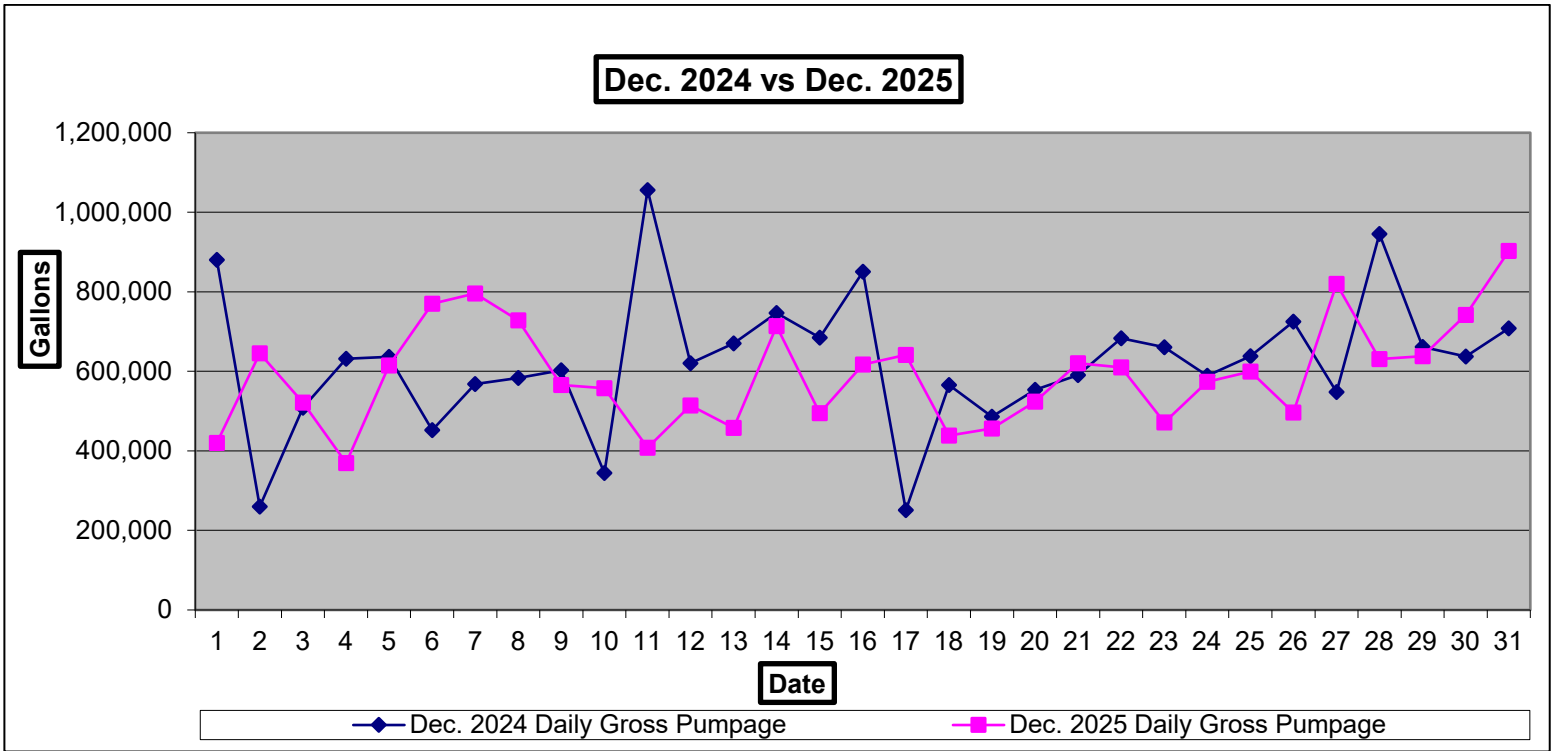
### **Meter Activities**

<b>Dig Safes</b>	<b>New</b>	<b>Final</b>	<b>Turn on/off</b>	<b>Repair</b>	<b>Replace &amp; Install Radio</b>	<b>Inspections</b>
160	81	11	166	32	21	19

### December 2024 vs 2025 Pumping Comparison

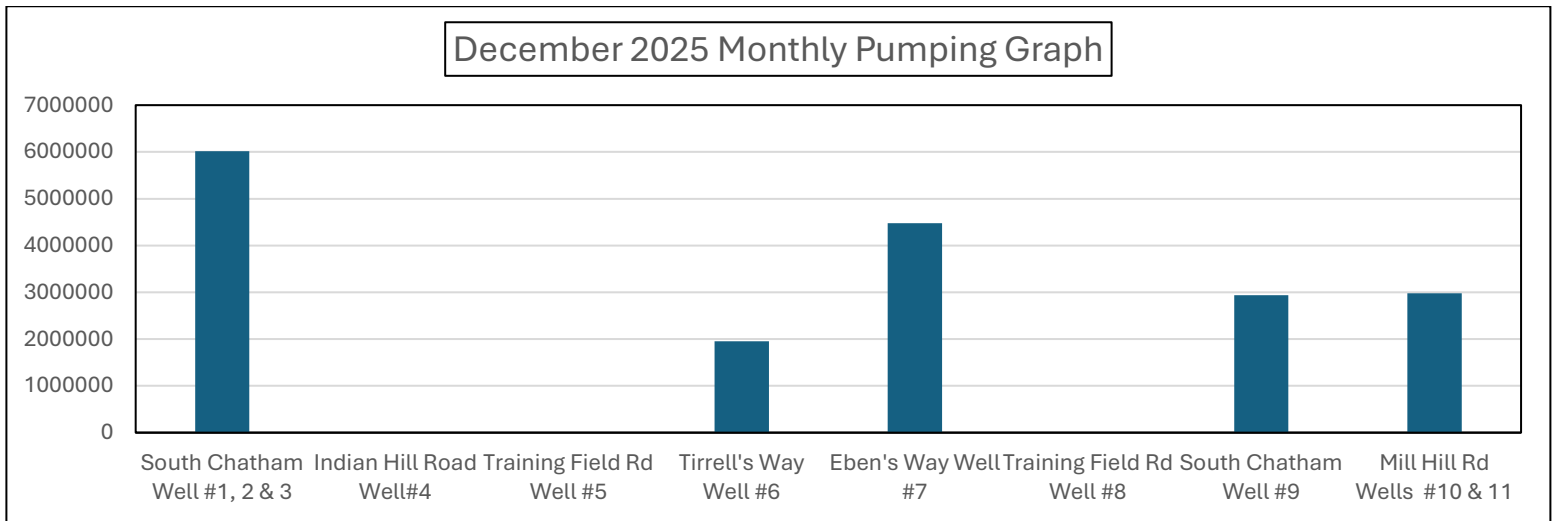
DATE	Dec. 2024 Daily Gross Pumpage	Dec. 2025 Daily Gross Pumpage	Dec. 2024 vs. Dec. 2025 Increase / Decrease (Gallons)	Dec. 2024 vs. Dec. 2025 Increase / Decrease (Percent)
1	880,300	420,000	(460,300)	-52%
2	260,200	645,600	385,400	148%
3	508,600	521,700	13,100	3%
4	632,000	369,700	(262,300)	-42%
5	636,900	614,500	(22,400)	-4%
6	452,100	770,300	318,200	70%
7	567,800	795,500	227,700	40%
8	583,400	728,400	145,000	25%
9	602,600	566,000	(36,600)	-6%
10	344,400	557,500	213,100	62%
11	1,056,100	408,200	(647,900)	-61%
12	620,300	514,400	(105,900)	-17%
13	670,700	458,000	(212,700)	-32%
14	746,400	713,600	(32,800)	-4%
15	684,800	494,700	(190,100)	-28%
16	850,400	617,000	(233,400)	-27%
17	250,700	641,200	390,500	156%
18	565,700	438,300	(127,400)	-23%
19	485,900	456,200	(29,700)	-6%
20	553,900	523,900	(30,000)	-5%
21	591,000	620,700	29,700	5%
22	683,300	610,300	(73,000)	-11%
23	660,300	471,700	(188,600)	-29%
24	588,800	573,500	(15,300)	-3%
25	637,800	599,100	(38,700)	-6%
26	725,300	496,500	(228,800)	-32%
27	547,700	820,000	272,300	50%
28	945,200	631,000	(314,200)	-33%
29	661,700	637,800	(23,900)	-4%
30	637,300	741,600	104,300	16%
31	707,800	902,600	194,800	28%
<b>Total</b>	<b>19,339,400</b>	<b>18,359,500</b>	<b>(979,900)</b>	<b>-5.1%</b>

### December 2024 vs 2025 Pumping Graphs



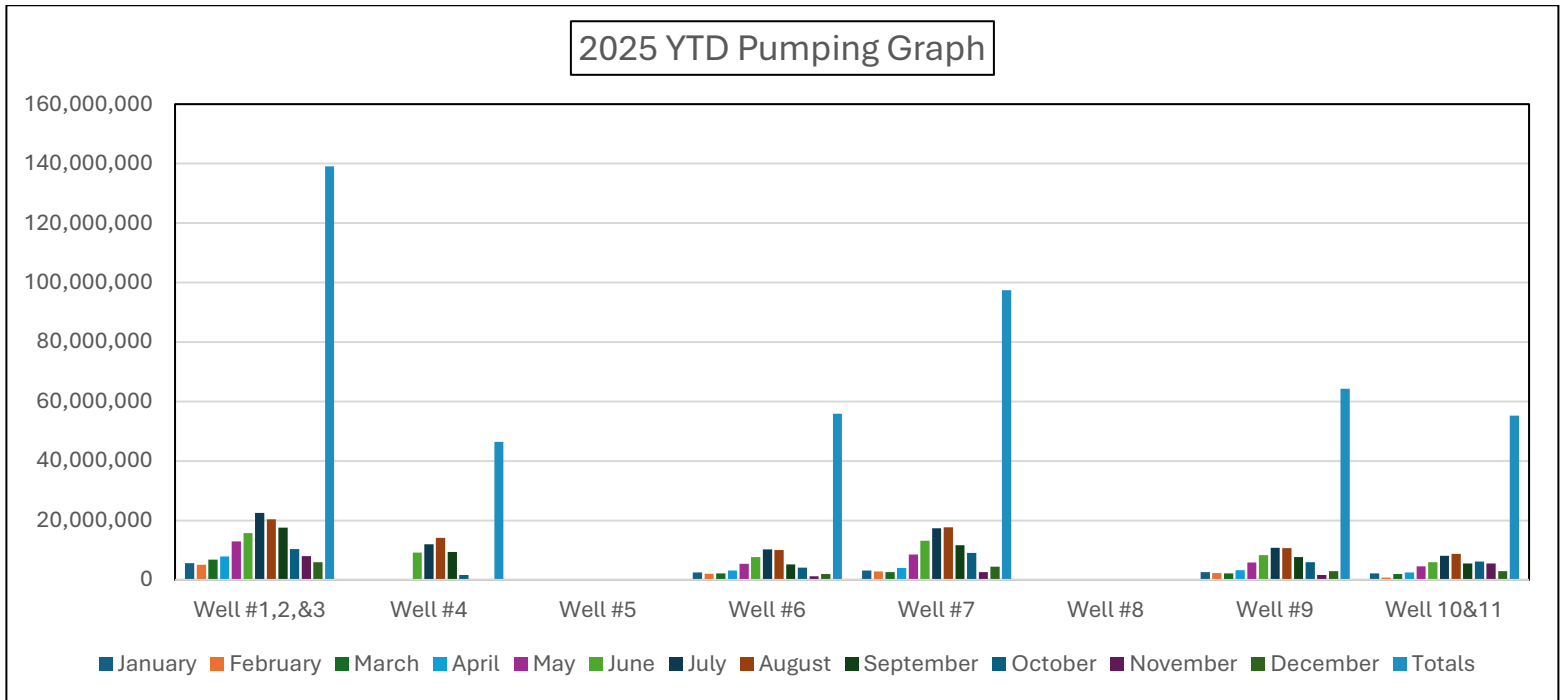
## December 2025 Monthly Pumping Report

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
1		73,300			59,100	135,000		97,000	55,600	420,000
2		149,400			85,700	192,000		134,200	84,300	645,600
3					91,100	205,900		120,700	104,000	521,700
4		51,800			45,200	101,700		77,500	93,500	369,700
5		224,500			48,400	127,500		88,200	125,900	614,500
6		226,100			67,400	169,800		102,600	204,400	770,300
7		284,900			73,600	180,000		115,200	141,800	795,500
8		253,300			62,200	154,300		103,500	155,100	728,400
9		405,200			28,800	67,100		38,700	26,200	566,000
10		148,500			85,600	216,600		13,600	93,200	557,500
11		97,800			47,400	117,700		79,400	65,900	408,200
12		166,800			46,100	112,200		72,000	117,300	514,400
13		84,000			58,100	135,400		86,900	93,600	458,000
14		342,000			45,800	115,300		74,100	136,400	713,600
15		163,200			44,000	105,700		68,300	113,500	494,700
16		165,400			58,600	142,500		91,800	158,700	617,000
17		75,900			101,900	144,400		235,200	83,800	641,200
18					107,400	249,300		78,400	3,200	438,300
19		193,300			21,300	52,700		65,100	123,800	456,200
20		174,700			38,700	108,200		69,300	133,000	523,900
21		206,800			73,500	175,600		113,000	51,800	620,700
22		186,000			46,400	114,500		73,500	189,900	610,300
23		174,000			48,600	116,500		74,500	58,100	471,700
24		268,000			43,700	117,600		75,400	68,800	573,500
25		225,300			78,500	173,700		87,300	34,300	599,100
26		239,400			35,600	101,000		89,300	31,200	496,500
27		349,500			97,100	230,100		124,900	18,400	820,000
28		281,100			55,600	138,900		112,100	43,300	631,000
29		256,900			70,200	176,500		100,400	33,800	637,800
30		266,000			125,900	135,400		70,200	144,100	741,600
31		282,300			61,000	161,500		203,400	194,400	902,600
<b>Total</b>		<b>6,015,400</b>			<b>1,952,500</b>	<b>4,474,600</b>		<b>2,935,700</b>	<b>2,981,300</b>	<b>18,359,500</b>
								Minimum		369,700
								Maximum		902,600
								Average		592,242



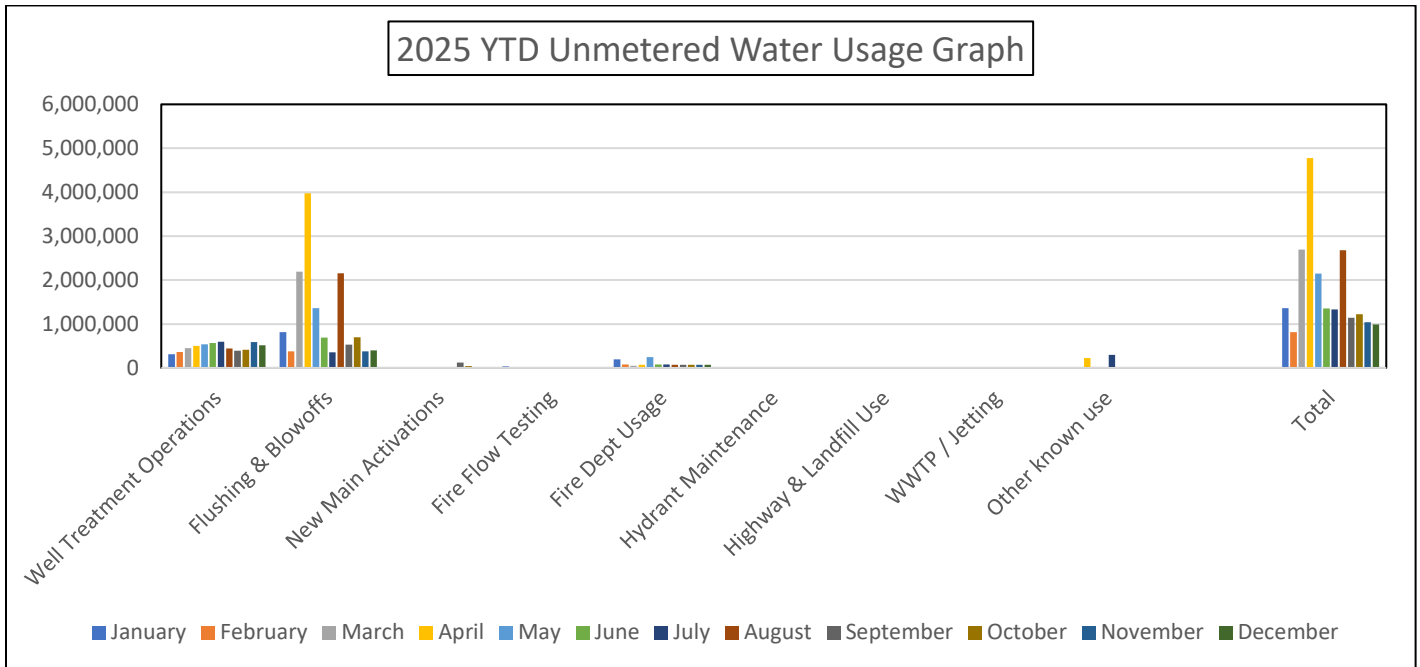
## 2025 YTD Pumping Report

	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	5,680,400	0	0	2,509,200	3,195,700	0	2,623,300	2,148,600	16,157,200	16,575,600	-418,400
February	5,126,000	0	0	2,143,400	2,872,300	0	2,301,200	832,200	13,275,100	14,695,600	-1,420,500
March	6,818,100	0	0	2,220,100	2,667,800	0	2,208,800	2,028,500	15,943,300	16,932,900	-989,600
April	7,889,300	0	0	3,126,000	4,075,800	0	3,278,300	2,554,100	20,923,500	21,779,800	-856,300
May	12,934,600	0	0	5,479,500	8,562,800	0	5,817,000	4,539,800	37,333,700	37,250,400	83,300
June	15,763,200	9,148,400	0	7,646,900	13,182,500	0	8,380,400	6,011,400	60,132,800	65,869,200	-5,736,400
July	22,504,900	12,033,700	0	10,273,300	17,361,000	0	10,837,200	8,092,700	81,102,800	81,654,700	-551,900
August	20,410,900	14,142,400	0	10,037,800	17,666,000	0	10,667,700	8,813,300	81,738,100	81,631,000	107,100
September	17,595,800	9,408,800	0	5,167,100	11,636,200	0	7,670,600	5,559,600	57,038,100	60,984,200	-3,946,100
October	10,339,200	1,671,000	0	4,133,600	9,104,100	0	5,916,500	6,165,100	37,329,500	37,313,100	16,400
November	7,961,700	0	0	1,230,700	2,674,900	0	1,696,000	5,531,200	19,094,500	18,880,400	214,100
December	6,015,400	0	0	1,952,500	4,474,600	0	2,935,700	2,981,300	18,359,500	19,339,400	-979,900
<b>Totals</b>	<b>139,039,500</b>	<b>46,404,300</b>	<b>0</b>	<b>55,920,100</b>	<b>97,473,700</b>	<b>0</b>	<b>64,332,700</b>	<b>55,257,800</b>	<b>458,428,100</b>	<b>472,906,300</b>	<b>-14,478,200</b>



### 2025 YTD Unmetered Water Usage

Type of use	January	February	March	April	May	June
Well Treatment Operations	315,152	365,521	452,949	505,300	534,856	568,654
Flushing & Blowoffs	815,425	374,600	2,189,654	3,977,575	1,359,700	687,945
New Main Activations	0	0	0	0	0	0
Fire Flow Testing	37,830	0	0	0	0	18,660
Fire Dept Usage	195,000	78,250	53,750	74,350	250,000	78,500
Hydrant Maintenance	0	0	0	0	0	0
Highway & Landfill Use	0	0	0	0	0	0
WWTP / Jetting	0	0	1,000	0	0	0
Other known use				221,700		
<b>Total</b>	<b>1,363,407</b>	<b>818,371</b>	<b>2,697,353</b>	<b>4,778,925</b>	<b>2,144,556</b>	<b>1,353,759</b>
Type of use	July	August	September	October	November	December
Well Treatment Operations	593,761	446,817	395,537	412,698	591,769	519,528
Flushing & Blowoffs	356,782	2,158,000	528,900	698,000	375,800	398,600
New Main Activations	0	0	125,000	43,250	0	0
Fire Flow Testing	0	0	20,760	0	0	0
Fire Dept Usage	76,500	75,260	71,750	70,275	73,650	74,365
Hydrant Maintenance	0	0	0	0	0	0
Highway & Landfill Use	0	0	0	0	0	0
WWTP / Jetting	5,000	0	0	0	0	0
Other known use	300,000					
<b>Total</b>	<b>1,332,043</b>	<b>2,680,077</b>	<b>1,141,947</b>	<b>1,224,223</b>	<b>1,041,219</b>	<b>992,493</b>
<b>Year To Date Usage</b>	<b>21,568,373</b>					

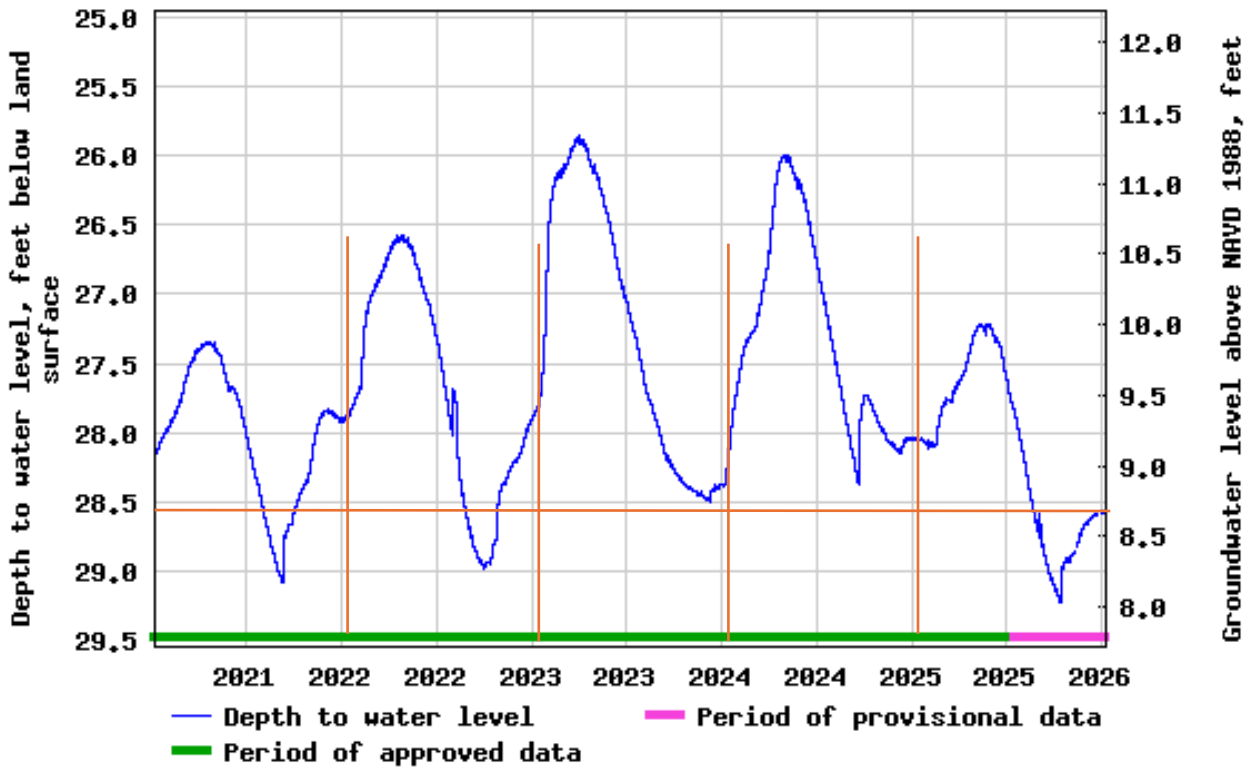


### Chatham 5-year Pumping Comparison (Month of December)

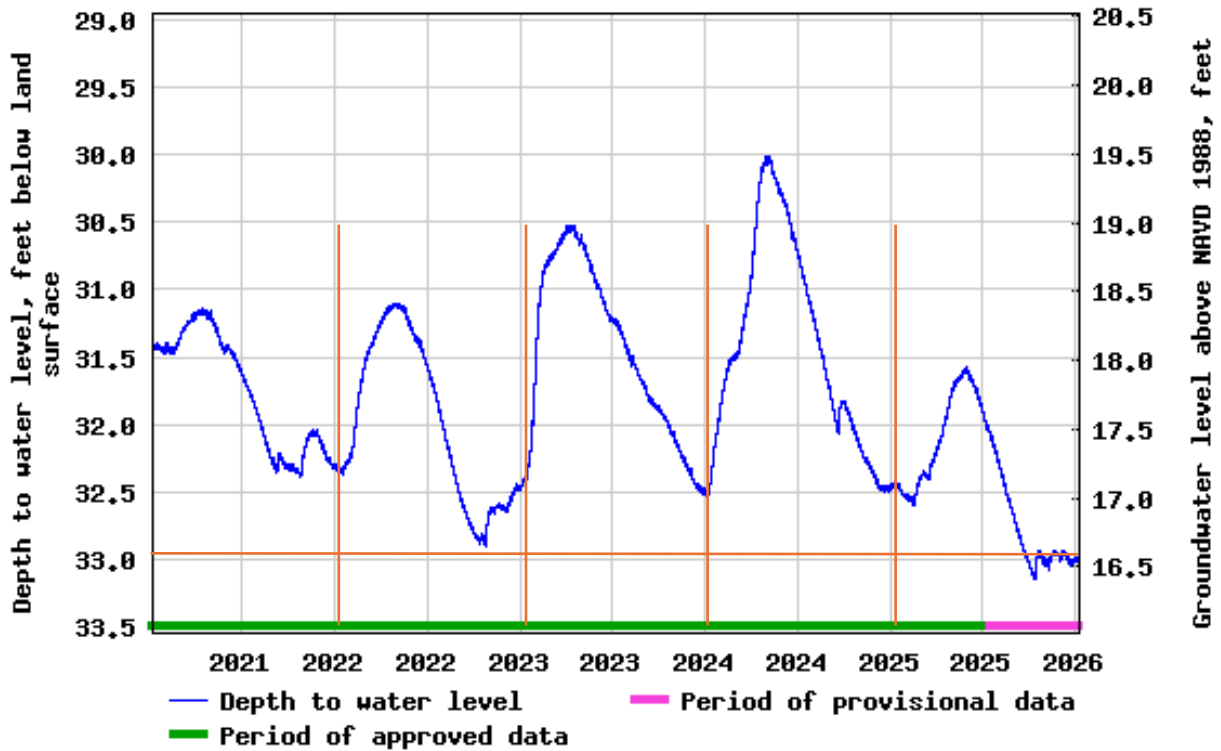
December Date	December 2021 Daily Gross Pumpage	Hours	December 2022 Daily Gross Pumpage	Hours	December 2023 Daily Gross Pumpage	Hours	December 2024 Daily Gross Pumpage	Hours	December 2025 Daily Gross Pumpage	Hours	Average Daily Pumpage (gallons)	Average Daily Pumpage (hours)
1	456,600	7	498,800	6.75	646,500	5	880,300	7	420,000	4	580,440	5.85
2	486,700	5	594,400	5	621,300	5	260,200	5	645,600	7	521,640	5.4
3	459,800	4	578,400	5.5	538,500	3.75	508,600	4.75	521,700	6	521,400	4.8
4	439,300	4	532,000	5	566,400	3.5	632,000	4.5	369,700	3	507,880	4
5	612,800	4	552,200	5.75	603,100	3.75	636,900	3	614,500	6.25	603,900	4.55
6	464,300	4	490,800	5.75	519,500	3.5	452,100	4	770,300	3	539,400	4.05
7	525,000	4	466,100	4.25	654,800	3.5	567,800	2.75	795,500	6.25	601,840	4.15
8	471,200	3	575,500	4.5	657,200	4.25	583,400	3.5	728,400	6	603,140	4.25
9	498,300	2	520,200	4.75	635,200	3.25	602,600	3.5	566,000	6	564,460	3.9
10	436,500	4	581,400	4	618,800	4.5	344,400	4	557,500	6	507,720	4.5
11	435,600	4	609,300	4.5	522,500	3.25	1,056,100	4.5	408,200	7	606,340	4.65
12	637,000	3	497,700	3.75	486,300	4	620,300	3	514,400	6	551,140	3.95
13	509,900	5	530,700	3.5	584,700	3.5	670,700	2.75	458,000	7	550,800	4.35
14	458,900	5	670,800	3	679,000	4.5	746,400	3.75	713,600	3	653,740	3.85
15	462,300	4	518,200	3.5	309,700	3.5	684,800	3.75	494,700	3	493,940	3.55
16	416,200	4	549,100	3.5	654,300	4.5	850,400	3.25	617,000	3	617,400	3.65
17	528,100	4	551,700	4.75	412,900	5	250,700	4.5	641,200	3	476,920	4.25
18	433,300	5	684,500	2.5	473,200	4.5	565,700	4.5	438,300	4.5	519,000	4.2
19	445,300	4	471,500	3.25	586,400	3	485,900	3	456,200	7.25	489,060	4.1
20	541,000	4	563,800	4	468,700	3.5	553,900	3	523,900	8.5	530,260	4.6
21	525,300	4	592,000	5	530,100	4	591,000	3.75	620,700	4	571,820	4.15
22	542,000	6	603,400	4	462,200	4.5	683,300	3	610,300	8.5	580,240	5.2
23	766,100	6	478,900	5	601,300	4	660,300	4.5	471,700	8	595,660	5.5
24	322,300	3.25	574,700	4	626,000	4	588,800	3.5	573,500	6.25	537,060	4.2
25	603,300	4	729,700	5	609,200	3	637,800	2.75	599,100	8.5	635,820	4.65
26	616,500	4	812,300	4.5	572,300	4	725,300	3	496,500	8	644,580	4.7
27	540,900	5	804,300	4.5	651,200	4	547,700	3.5	820,000	8.25	672,820	5.05
28	641,600	4	790,100	5	684,700	3	945,200	3.75	631,000	7.75	738,520	4.7
29	595,200	4	728,400	5.5	439,500	3.25	661,700	3.75	637,800	7.75	612,520	4.85
30	617,200	6	585,500	4.25	787,700	3.5	637,300	3.75	741,600	5	673,860	4.5
31	722,400	8	856,400	5	652,400	3.25	707,800	2.75	902,600	7.75	785,080	5.35
<b>Total</b>	<b>16,210,900</b>	<b>137</b>	<b>18,592,800</b>	<b>139</b>	<b>17,855,600</b>	<b>120</b>	<b>19,339,400</b>	<b>116</b>	<b>18,359,500</b>	<b>186</b>	<b>18,088,400</b>	<b>139.45</b>

<b>Well Status</b>	<b>Wells 4 &amp; 5 Offline</b>	<b>Wells 4 &amp; 8 Offline</b>	<b>Wells 4 &amp; 8 Offline</b>	<b>Wells 4, 5 &amp; 8 Offline</b>	<b>Wells 4, 5 &amp; 8 Offline</b>
				<b>Well 11 Online</b>	<b>Wells 10 &amp; 11 Online</b>

USGS 414101070011001 MA-CGM 138R CHATHAM, MA



USGS 414632070014901 MA-BMW 22R BREWSTER, MA



**Drought Update:**

- Massachusetts Drought Task Force met on January 9, 2026, to review conditions throughout the Commonwealth.
- Any updates to the drought status will be updated at the Select Board meeting.

Thank you for your consideration. Should you have any questions regarding the foregoing, please contact me at (508) 945-5155 or [rfaley@chatham-ma.gov](mailto:rfaley@chatham-ma.gov) .