



Town of Chatham

549 Main Street, Chatham, MA 02633

(508) 945-5100

www.chatham-ma.gov



Select Board

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Town Manager

Jill R. Goldsmith
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: March 5, 2026 (for the Select Board meeting of March 10, 2026)

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

The following is a water supply update for the months of January and February 2026:

Chatham's wells have been pumping:

- 3-6 hours per day in January
- 4-7 hours per day in February.

The water tanks did not hit the low-level alarm during this period.

Training Field Wells 5 and 8 – Permanent Treatment Facility

1. Project Update:

- Exterior Work:
 - i. Most of the exterior building work has been completed with the exception of the roof mounted solar panels and final paving.
 - ii. Fiber optic cable has been run to the building and will be pulled to Well 5 next week.
 - iii. Refurbished well pumps for Wells 5 & 8 have been re-installed.
 - iv. Permanent power has been run by Eversource and the building is powered.
 - v. We are working with National Grid to schedule gas service connection.

- Interior Work:
 - i. Plumbing and fixtures in restrooms is complete and water supply has been connected.
 - ii. Chemical feed piping is complete.
 - iii. Smaller diameter copper plumbing pipe and instrumentation is ongoing.
 - iv. Painting components and piping in the vessel room continues.
 - v. Electrical work continues with 90% of the analyzers being wired.
 - vi. Suspended ceiling and sprinkler heads will be installed in March.
- Finalization: We are working on close-out items and have begun laying out a start-up schedule currently planned for around mid-April.



Irrigation Meter Update

- 635 letters went out on August 22nd, 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 \$96,800 (484) irrigation meters. 488 irrigation meters have been installed for a total of 1,340 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. 59 properties are on the exception report.
- As of 2/13/2026:
 - 5 properties still have not paid for a second meter and have been fined \$36,600.00 so far. We are pursuing court action on these 5 property owners.
 - 35 properties still have not made appointments to install the second meter and new fines have been started. New fines total \$13,800.
 - 81 properties have appointments through May 2026 for the installation of a second meter. Many original appointments had to be rescheduled due to snow depth.

Water Sampling

- 10 bacteria samples were taken for each month of January and February. All were free of bacteria.
- Alkalinity and Orthophosphate samples were taken from the treatment plants each month.
- PFAS6 Samples were taken from the Mill Hill Treatment Plant (Wells 10 & 11) and the Indian Hill Well (Well 4). PFAS6 results came back at 4.17 for Mill Hill and ND for Indian Hill.
- First Quarter samples were taken for Arsenic, Nitrate, Sodium, Iron and Manganese, Gross Alpha, Radium 226 & 228, Synthetic Organic and Volatile Organic contaminants.

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.
- A new chlorine day tank was installed at the Water Treatment Plant.
- Flowrite was on site for control valve maintenance at the Water Treatment Plant.
- Well 4 piping was painted.
- South Chatham was down for maintenance in January.
- ATIS replaced the aviation light bulbs on the 1.25 MG tank.
- The KOH chemical feed system at the water treatment plant was rebuilt.
- Standby generators ran for three days during the power outage caused by the blizzard of Feb. 23rd. The propane was refilled after use.

System Maintenance

- 2026 Backflow prevention device testing began in January and continued through February.
- Numerous hydrants were shoveled out after the snowstorm of Jan.25th.
- BCI Repaired two curb stops.
- Bortolotti repaired 2 curb boxes and stops.

- Staff responded to several leaking water meters and burst pipes.
- Staff performed plowing and snow shoveling during the blizzard on Feb. 23rd and cleared hydrants after the storm.

Meter Reading

- Water meter readings were completed for both months.
- Re – Reads Completed

Compliance

- The Tier II Chemical Report was completed and distributed to all applicable agencies.

January Meter Activities

Dig Safes	New	Final	Turn on/off	Repair	Replace & Install Radio	Inspections
116	57	25	95	9	30	37

February Meter Activities

Dig Safes	New	Final	Turn on/off	Repair	Replace & Install Radio	Inspections
103	61	12	75	18	37	6

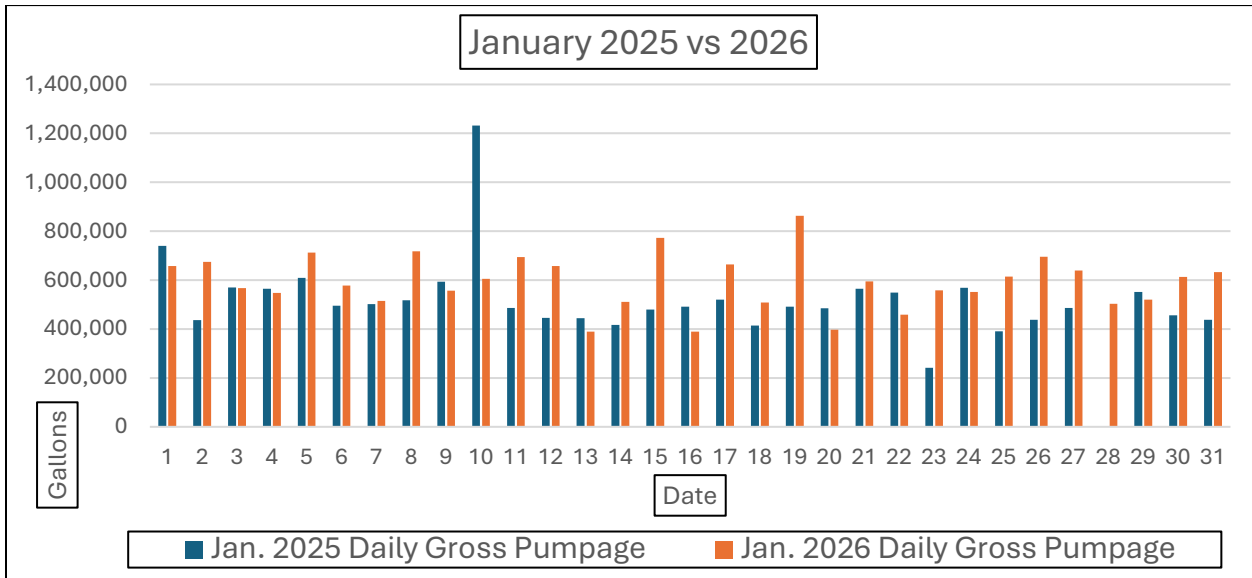
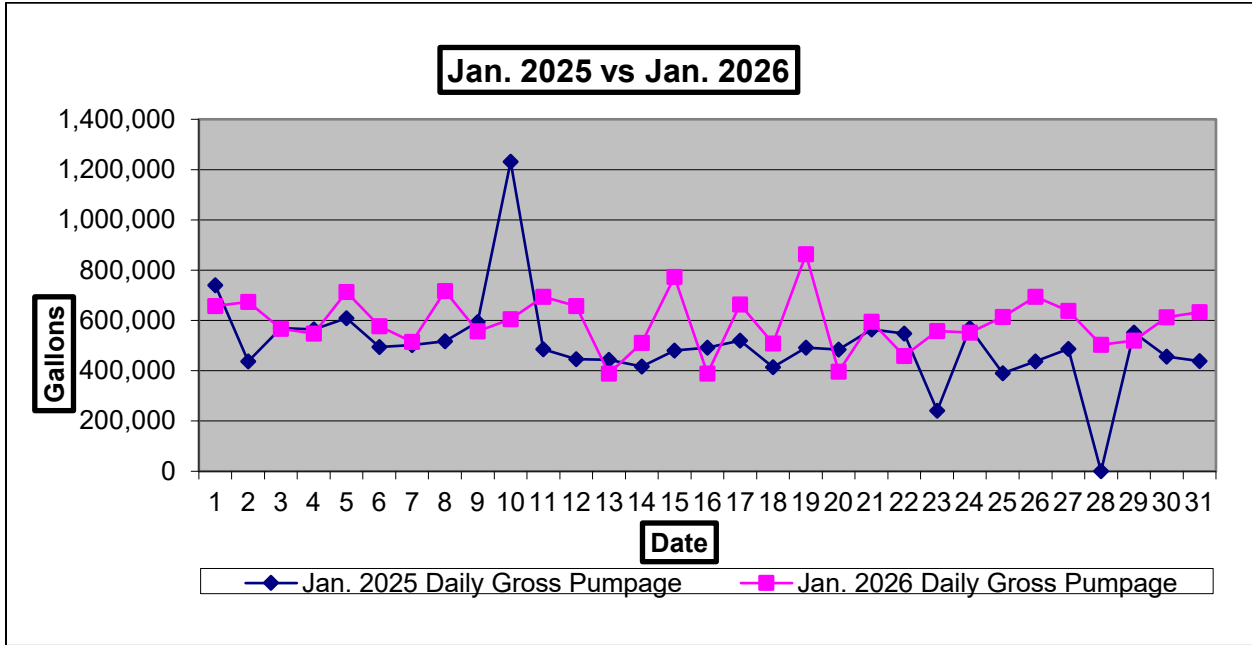
January 2025 vs 2026
Pumping Comparison

	Jan. 2025 Daily Gross Pumpage	Jan. 2026 Daily Gross Pumpage	Jan. 2025 vs. Jan. 2026 Increase / Decrease (Gallons)	Jan. 2025 vs. Jan. 2026 Increase / Decrease (Percent)
1	739,600	657,500	(82,100)	-11%
2	436,700	674,300	237,600	54%
3	569,600	566,700	(2,900)	-1%
4	564,300	548,000	(16,300)	-3%
5	608,600	712,900	104,300	17%
6	494,600	577,400	82,800	17%
7	501,700	514,700	13,000	3%
8	516,900	717,300	200,400	39%
9	593,500	556,900	(36,600)	-6%
10	1,231,400	604,600	(626,800)	-51%
11	485,900	694,300	208,400	43%
12	446,100	657,300	211,200	47%
13	443,700	388,700	(55,000)	-12%
14	416,800	510,700	93,900	23%
15	480,100	772,800	292,700	61%
16	491,700	388,600	(103,100)	-21%
17	520,100	663,700	143,600	28%
18	413,800	508,100	94,300	23%
19	491,900	863,000	371,100	75%
20	484,400	396,600	(87,800)	-18%
21	564,400	594,800	30,400	5%
22	548,300	458,600	(89,700)	-16%
23	241,000	557,400	316,400	131%
24	569,100	552,100	(17,000)	-3%
25	390,500	613,800	223,300	57%
26	437,300	694,800	257,500	59%
27	486,200	638,600	152,400	31%
28	543,500	503,000	(40,500)	-7%
29	551,000	519,800	(31,200)	-6%
30	456,300	613,100	156,800	34%
31	438,200	632,700	194,500	44%
Total	16,157,200	18,352,800	2,195,600	13.6%

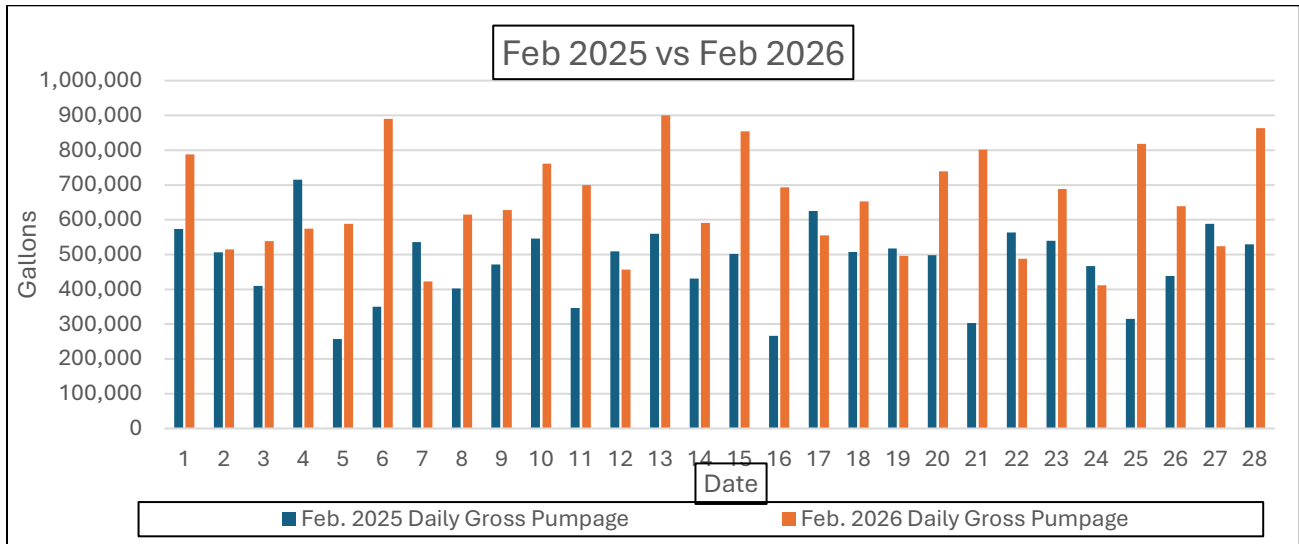
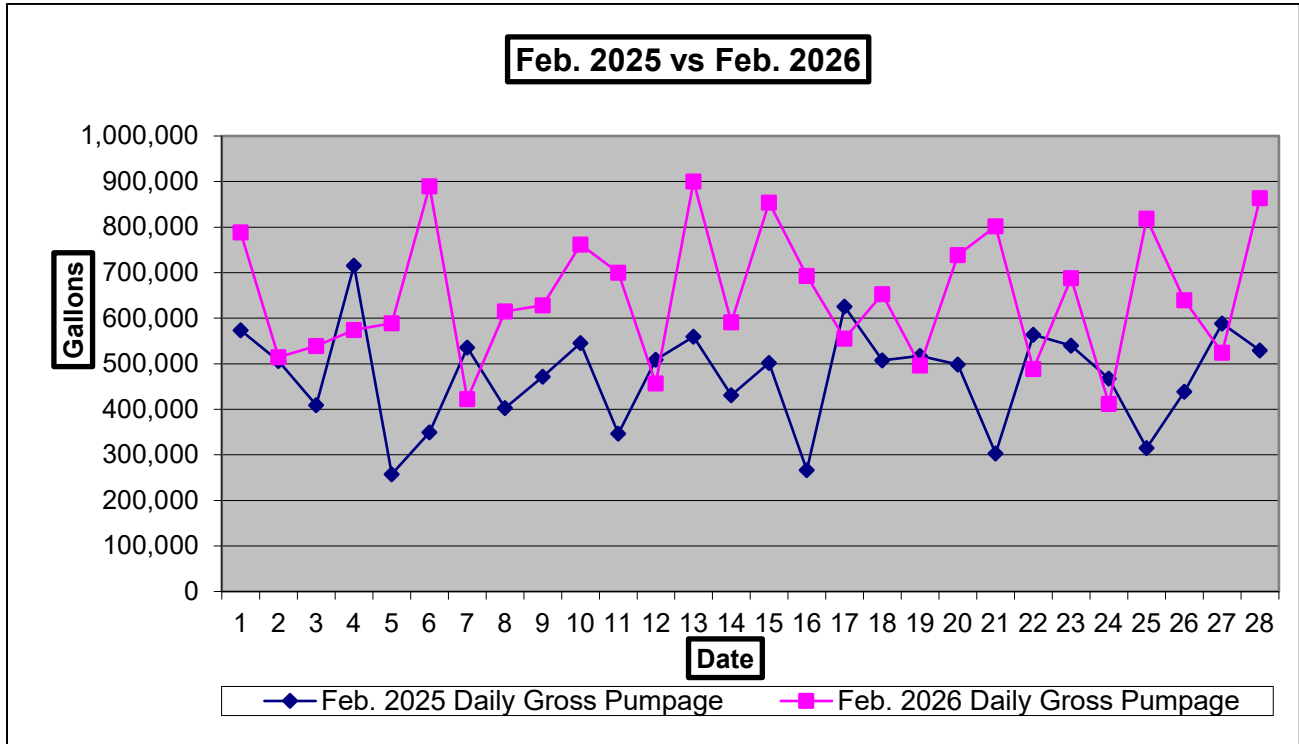
February 2025 vs 2026
Pumping Comparison

DATE	Feb. 2025 Daily Gross Pumpage	Feb. 2026 Daily Gross Pumpage	Feb. 2025 vs.Feb. 2026 Increase / Decrease (Gallons)	Feb. 2025 vs. feb. 2026 Increase / Decrease (Percent)
1	573,700	788,200	214,500	37%
2	506,300	514,800	8,500	2%
3	409,400	538,800	129,400	32%
4	715,600	574,200	(141,400)	-20%
5	257,500	588,700	331,200	129%
6	349,600	889,900	540,300	155%
7	535,900	422,700	(113,200)	-21%
8	402,800	615,200	212,400	53%
9	471,900	628,200	156,300	33%
10	545,600	761,500	215,900	40%
11	346,400	699,700	353,300	102%
12	508,800	456,900	(51,900)	-10%
13	559,500	900,400	340,900	61%
14	430,700	591,400	160,700	37%
15	502,000	853,800	351,800	70%
16	266,600	692,900	426,300	160%
17	625,200	555,400	(69,800)	-11%
18	507,200	652,800	145,600	29%
19	517,500	496,000	(21,500)	-4%
20	498,400	738,800	240,400	48%
21	302,900	801,500	498,600	165%
22	563,800	488,200	(75,600)	-13%
23	539,900	688,300	148,400	27%
24	467,300	411,900	(55,400)	-12%
25	314,600	818,500	503,900	160%
26	438,400	639,200	200,800	46%
27	588,100	524,300	(63,800)	-11%
28	529,500	863,400	333,900	63%
Total	13,275,100	18,195,600	4,920,500	37.1%

January 2025 vs 2026 Pumping Graphs



February 2025 vs 2026 Pumping Graphs

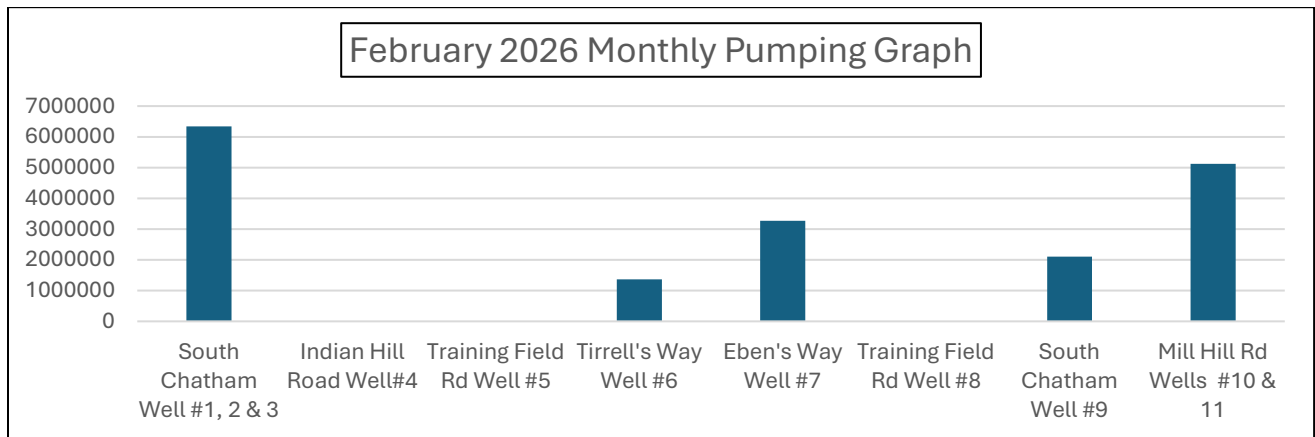
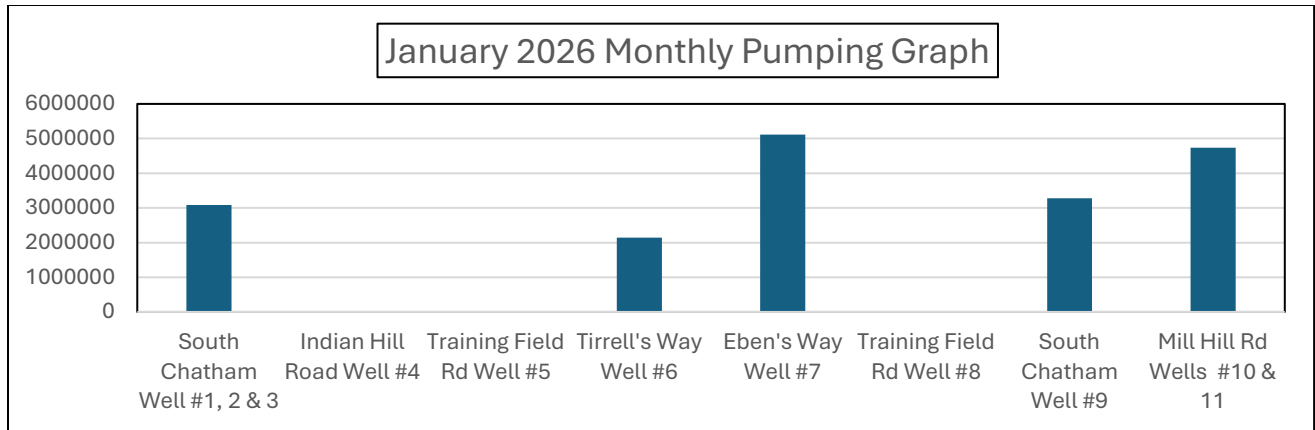


January Pumping Report

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		250,400			39,400	95,500		61,300	210,900	657,500
2		250,100			63,400	152,800		97,800	110,200	674,300
3		75,500			92,000	210,600		135,600	53,000	566,700
4		71,700			88,500	205,200		131,800	50,800	548,000
5		339,700			22,300	59,500		38,000	253,400	712,900
6		304,300							273,100	577,400
7		295,000			8,900	20,900		13,300	176,600	514,700
8		117,100			69,400	174,200		111,800	244,300	716,800
9		301,000			48,500	126,200		81,200		556,900
10		170,900			63,000	153,800		98,600	118,300	604,600
11		197,200			78,200	194,700		88,700	135,500	694,300
12		89,600			97,700	228,100		171,500	70,400	657,300
13		118,400			35,200	92,300		70,800	72,000	388,700
14		178,000			41,300	103,100		66,200	122,100	510,700
15					161,900	372,200		238,700		772,800
16		102,600			54,500	126,500		81,000	24,000	388,600
17		218,300			51,100	152,900		82,400	159,000	663,700
18		1,300			70,500	150,600		112,300	173,400	508,100
19					109,700	268,800		174,200	310,300	863,000
20					64,400	147,200		94,900	90,100	396,600
21					101,300	238,500		149,200	105,800	594,800
22					49,200	116,800		78,000	214,600	458,600
23					73,400	172,000		111,100	200,900	557,400
24					73,500	176,900		113,100	188,600	552,100
25					83,800	201,700		133,800	194,500	613,800
26					98,900	250,100		132,800	213,000	694,800
27					90,400	194,900		122,300	231,000	638,600
28					81,600	189,100		145,700	86,600	503,000
29					63,100	147,000		95,000	214,700	519,800
30					84,400	192,700		118,800	217,200	613,100
31					87,000	197,900		125,900	221,900	632,700
Total		3,081,100			2,146,500	5,112,700		3,275,800	4,736,200	18,352,300
								Minimum		388,600
								Maximum		863,000
								Average		592,010

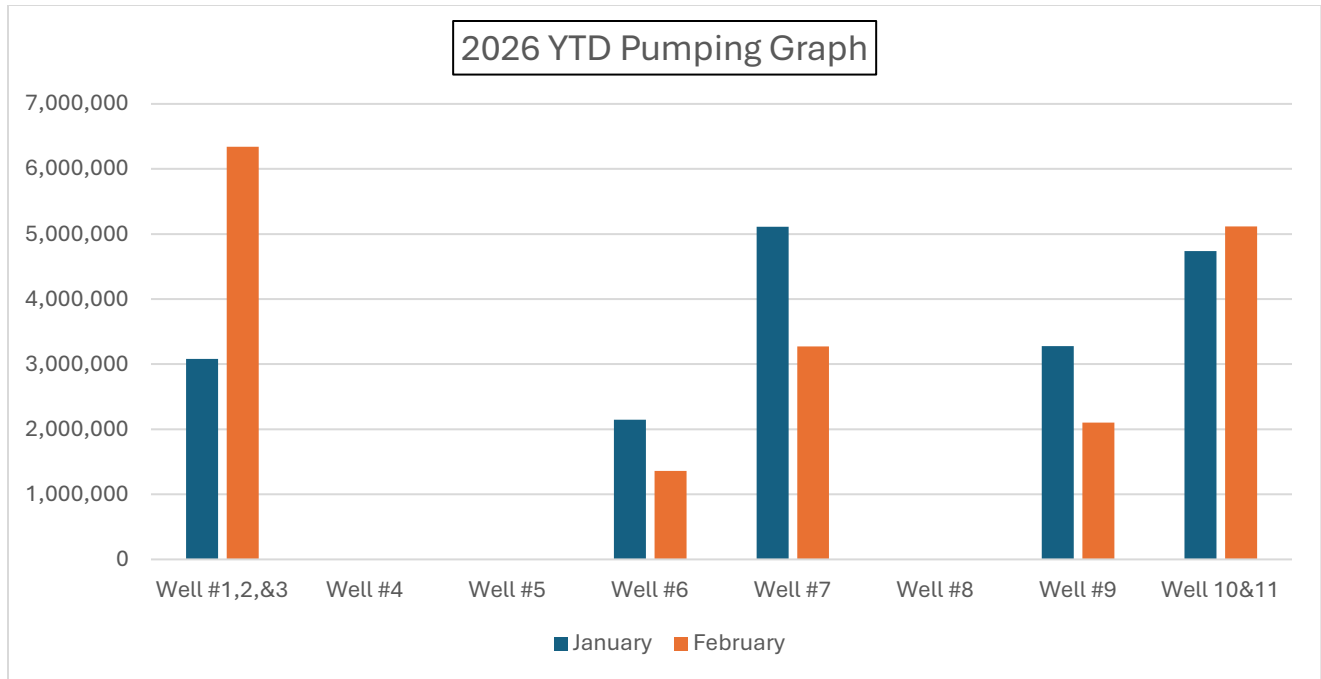
February Pumping Report

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				119,900	268,500		158,400	241,400	788,200
	2	108,600			50,800	119,300		99,300	136,800	514,800
	3	138,200			56,300	136,700		86,100	121,500	538,800
	4	289,400			19,600	52,900		35,200	177,100	574,200
	5	353,000							235,700	588,700
	6	596,100							293,800	889,900
	7	257,900							164,800	422,700
	8	394,600							220,600	615,200
	9	380,600							247,600	628,200
	10	456,900							304,600	761,500
	11	405,500							294,200	699,700
	12	81,900			59,300	147,200		111,200	57,000	456,600
	13	286,100			92,500	219,300		144,100	158,400	900,400
	14	243,600			30,600	77,100		41,900	198,200	591,400
	15	275,000			91,000	236,300		125,600	125,900	853,800
	16	373,700			16,600	42,000		52,100	208,500	692,900
	17	319,900						0	235,500	555,400
	18	401,000			11,100	26,400		17,100	197,200	652,800
	19	61,600			51,700	136,900		88,500	157,300	496,000
	20	245,200			64,100	164,400		92,000	173,100	738,800
	21	270,800			71,700	174,900		119,700	164,400	801,500
	22	95,400			49,900	119,200		81,200	142,500	488,200
	23				142,100	333,700		117,800	94,700	688,300
	24				47,200	116,200		149,500	99,000	411,900
	25				131,700	306,300		176,900	203,600	818,500
	26	66,500			101,700	233,900		172,000	65,100	639,200
	27	162,800			50,000	111,900		74,200	125,400	524,300
	28	75,200			104,300	250,000		158,800	275,100	863,400
	29									
	30									
	31									
Total		6,339,500			1,362,100	3,273,100		2,101,600	5,119,000	18,195,300
								Mininum		
								Maximum		900,400
								Average		586,945



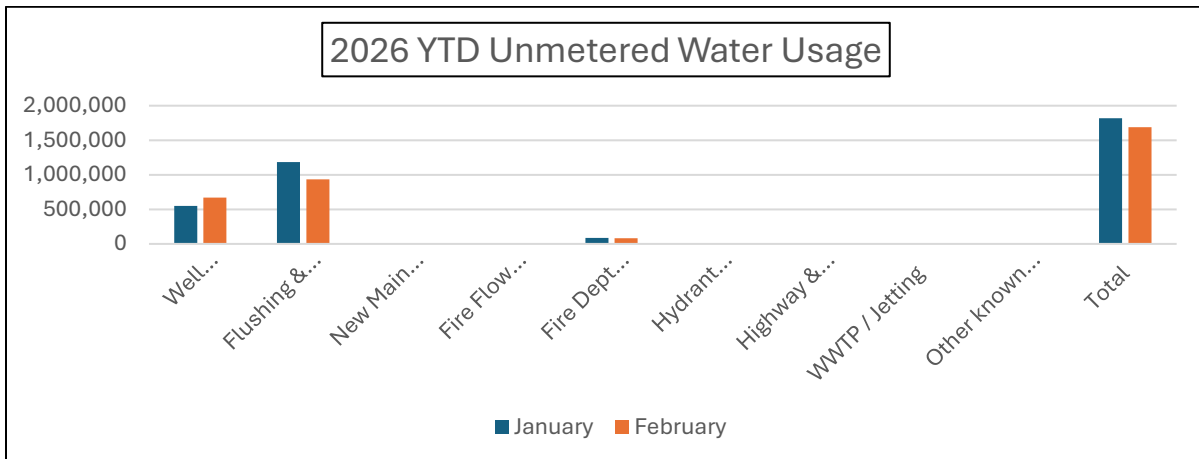
2026 YTD Pumping Report

	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	3,081,100	0	0	2,146,500	5,112,700		3,275,800	4,736,200	18,352,300	16,157,200	2,195,100
February	6,339,500	0	0	1,362,100	3,273,100	0	2,101,600	5,119,000	18,195,300	13,275,100	4,920,200
March									0		0
April									0		0
May									0		0
June									0		0
July									0		0
August									0		0
September									0		0
October									0		0
November									0		0
December									0		0
Totals	9,420,600	0	0	3,508,600	8,385,800	0	5,377,400	9,855,200	36,547,600	29,432,300	7,115,300



2026 YTD Unmetered Water Usage

Type of use	January	February
Well Treatment Operations	547,935	672,101
Flushing & Blowoffs	1,186,324	934,756
New Main Activations	0	0
Fire Flow Testing	0	0
Fire Dept. Usage	85,750	82,450
Hydrant Maintenance	0	0
Highway & Landfill Use	0	0
WWTP / Jetting	0	0
Other known use		
Total	1,820,009	1,689,307

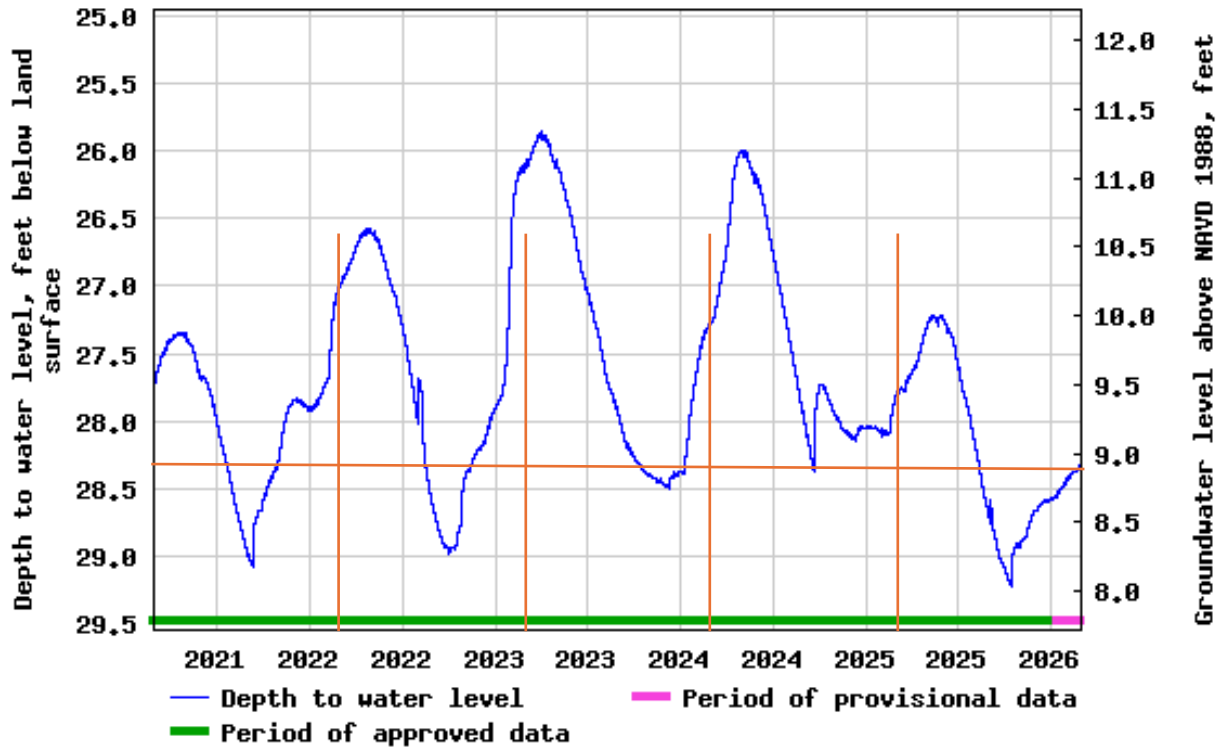


Chatham 5-year Pumping Comparison (Month of January)

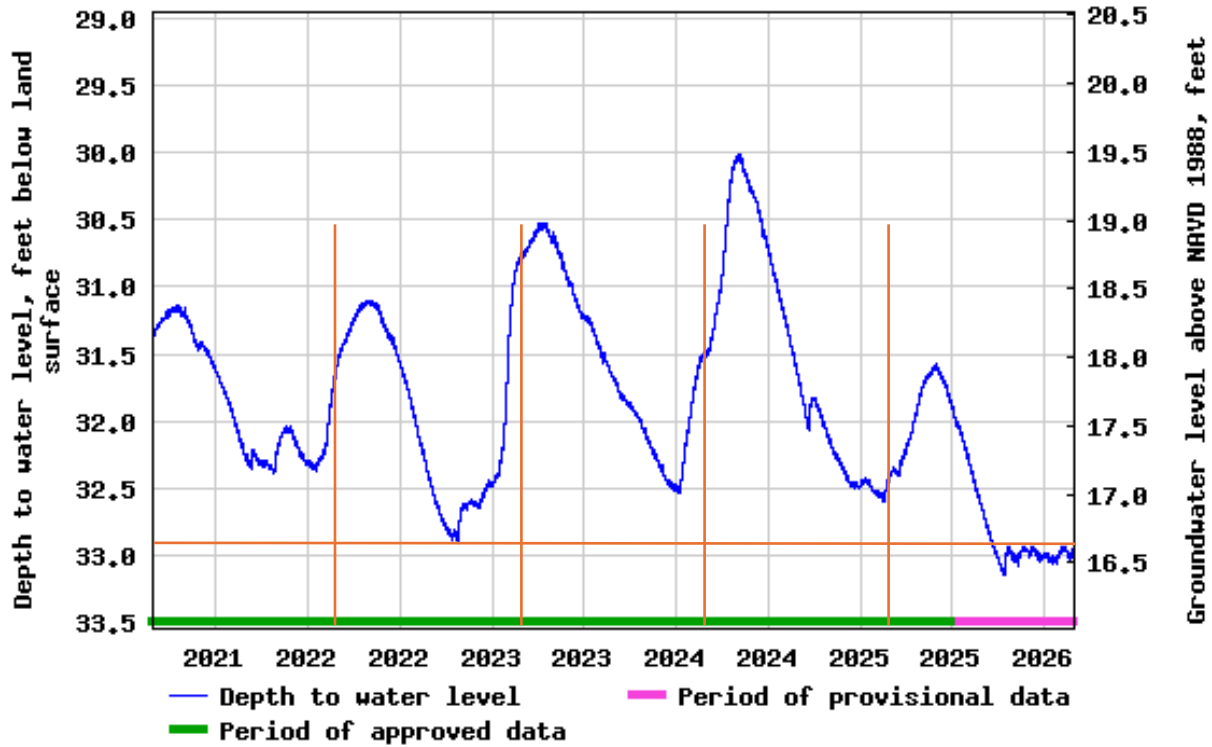
January Date	January 2022 Daily Gross Pumpage	Hours	January 2023 Daily Gross Pumpage	Hours	January 2024 Daily Gross Pumpage	Hours	January 2025 Daily Gross Pumpage	Hours	January 2026 Daily Gross Pumpage	Hours	Average Daily Pumpage (gallons)	Average Daily Pumpage (hours)
1	512,000	4	848,200	7	746,300	8	739,600	7	657,500	6	700,720	6.35
2	600,700	4	631,600	5	585,500	7	436,700	6	674,300	6	585,760	5.6
3	526,400	3.75	576,800	4.75	425,700	6	569,600	5	566,700	4.5	533,040	4.8
4	484,900	3.5	578,900	4.5	382,700	3	564,300	4	548,000	4	511,760	3.8
5	434,700	3.75	572,100	3	662,500	6.25	608,600	3	712,900	6.75	598,160	4.55
6	359,700	2.5	607,000	4	521,500	3	494,600	3.75	577,400	5	512,040	3.65
7	541,700	3.5	419,200	2.75	383,600	6.25	501,700	3	514,700	4	472,180	3.9
8	556,400	4.25	561,900	3.5	460,900	6	516,900	3	717,300	6.75	562,680	4.7
9	463,500	3.25	549,200	3.5	526,200	6	593,500	3.25	556,900	4.5	537,860	4.1
10	704,300	4.5	592,100	4	448,200	6	1,231,400	5	604,600	5.75	716,120	5.05
11	472,800	3.25	810,100	4.5	531,800	7	485,900	4.5	694,300	6	598,980	5.05
12	592,300	4	459,100	3	567,600	6	446,100	4	657,300	6	544,480	4.6
13	513,700	3.5	490,700	2.75	445,700	7	443,700	3.25	388,700	2.75	456,500	3.85
14	654,600	4.5	579,300	3.75	759,700	3	416,800	3	510,700	4	584,220	3.65
15	442,600	3.5	587,200	3.75	527,300	3	480,100	4.25	772,800	6.75	562,000	4.25
16	534,900	4.5	564,700	3.25	362,200	3	491,700	4	388,600	2.75	468,420	3.5
17	567,100	5	423,200	4.5	612,600	3	520,100	3.5	663,700	6	557,340	4.4
18	681,700	4.5	534,500	4.5	642,900	4.5	413,800	4	508,100	4	556,200	4.3
19	433,900	3	510,400	3	326,600	7.25	491,900	4.5	863,000	7.25	525,160	5
20	437,500	3.5	500,800	3	602,300	8.5	484,400	4.25	396,600	3	484,320	4.45
21	532,700	4	550,200	3.75	648,300	4	564,400	3	594,800	5.25	578,080	4
22	611,800	4.5	437,100	3	569,000	8.5	548,300	3.25	458,600	3.5	524,960	4.55
23	446,700	4	609,300	4.5	570,100	8	241,000	3	557,400	4.5	484,900	4.8
24	476,000	4	490,900	3.5	557,000	6.25	569,100	3	552,100	4.5	529,020	4.25
25	443,700	3	487,600	2.75	578,600	8.5	390,500	4	613,800	5	502,840	4.65
26	493,400	4	508,300	3	563,900	8	437,300	3	694,800	5.75	539,540	4.75
27	517,900	4	395,400	3.5	576,600	8.25	486,200	3	638,600	5	522,940	4.75
28	411,300	3	600,700	3.75	538,300	7.75	543,500	4	503,000	4	519,360	4.5
29	470,400	3.25	585,500	3.75	565,100	7.75	551,000	3.5	519,800	4.25	538,360	4.5
30	591,500	3.5	604,100	3.75	345,100	5	456,300	3	613,100	5	522,020	4.05
31	616,100	3.25	513,400	2.75	541,800	7.75	438,200	3	632,700	5.25	785,080	4.4
Total	16,126,900	117	17,179,500	116	16,575,600	190	16,157,200	118	18,352,800	154	17,115,040	138.75

Chatham 5-year Pumping Comparison (Month of February)												
February Date	February 2022 Daily Gross Pumpage	Hours	February 2023 Daily Gross Pumpage	Hours	February 2024 Daily Gross Pumpage	Hours	February 2025 Daily Gross Pumpage	Hours	February 2026 Daily Gross Pumpage	Hours	Average Daily Pumpage (gallons)	Average Daily Pumpage (hours)
1	702,700	4.5	496,000	4	609,400	7	573,700	6	788,200	6	634,000	5.5
2	698,000	6	501,300	4	516,800	6	506,300	6	514,800	5	547,440	5.4
3	731,000	5.25	608,600	4	565,700	7	409,400	5.75	538,800	5	570,700	5.4
4	601,200	4	740,900	7	408,900	5.75	715,600	7.75	574,200	5.5	608,160	6
5	604,700	4.25	815,700	6	485,500	7	257,500	4	588,700	5.5	550,420	5.35
6	618,600	4.25	775,700	5	552,900	7.75	349,600	4.25	889,900	7.25	637,340	5.7
7	578,100	4	612,300	4	424,300	4	535,900	4.75	422,700	4.5	514,660	4.25
8	545,300	3.25	790,400	5	425,000	4	402,800	3.75	615,200	6	555,740	4.4
9	439,800	3	777,300	6	522,900	4	471,900	4.25	628,200	6	568,020	4.65
10	620,300	4.25	475,800	5	561,400	5	545,600	5	761,500	6.5	592,920	5.15
11	473,500	3.5	635,500	5	577,700	5	346,400	4	699,700	6.25	546,560	4.75
12	580,800	4	589,000	4	434,300	3	508,800	3.5	456,900	4.5	513,960	3.8
13	587,500	4	678,100	4.5	452,400	4	559,500	4.5	900,400	7.25	635,580	4.85
14	466,900	3.25	589,200	5	488,700	3	430,700	3	591,400	5.75	513,380	4
15	619,400	4	662,400	4	621,700	6	502,000	5.25	853,800	7	651,860	5.25
16	609,800	4.5	449,500	4	419,800	4	266,600	2.5	692,900	6	487,720	4.2
17	512,900	3	627,300	5	548,300	6	625,200	6.5	555,400	5.5	573,820	5.2
18	491,200	3.25	783,500	5	553,500	8	507,200	6.5	652,800	6	597,640	5.75
19	588,600	5.75	611,600	6	548,400	8	517,500	6.5	496,000	5	552,420	6.25
20	643,200	4.5	732,900	5	468,700	7.75	498,400	6	738,800	6	616,400	5.85
21	627,900	4.5	654,800	5	513,400	3.5	302,900	3	801,500	7	580,100	4.6
22	625,400	4.25	595,100	5	490,800	7.75	563,800	7.5	488,200	4.5	552,660	5.8
23	584,600	4.25	606,800	4	541,700	7.75	539,900	7.25	688,300	7	592,260	6.05
24	453,600	3	473,200	4	515,600	7	467,300	6.5	411,900	4	464,320	4.9
25	636,200	4	603,300	4	504,200	7.5	314,600	5	818,500	7	575,360	5.5
26	536,700	4	674,600	4	496,600	7.25	438,400	6.5	639,200	6	557,100	5.55
27	666,300	5	633,300	3	483,100	5.5	588,100	6	524,300	4.75	579,020	4.85
28	492,000	3.5	603,900	4	473,200	6.75	529,500	6.5	863,400	7	592,400	5.55
29					481,900	6.5					481,900	6.5
Total	16,336,200	115	17,798,000	131	14,686,800	172	13,275,100	148	18,195,600	164	16,443,860	151.05

USGS 414101070011001 MA-CGM 138R CHATHAM, MA

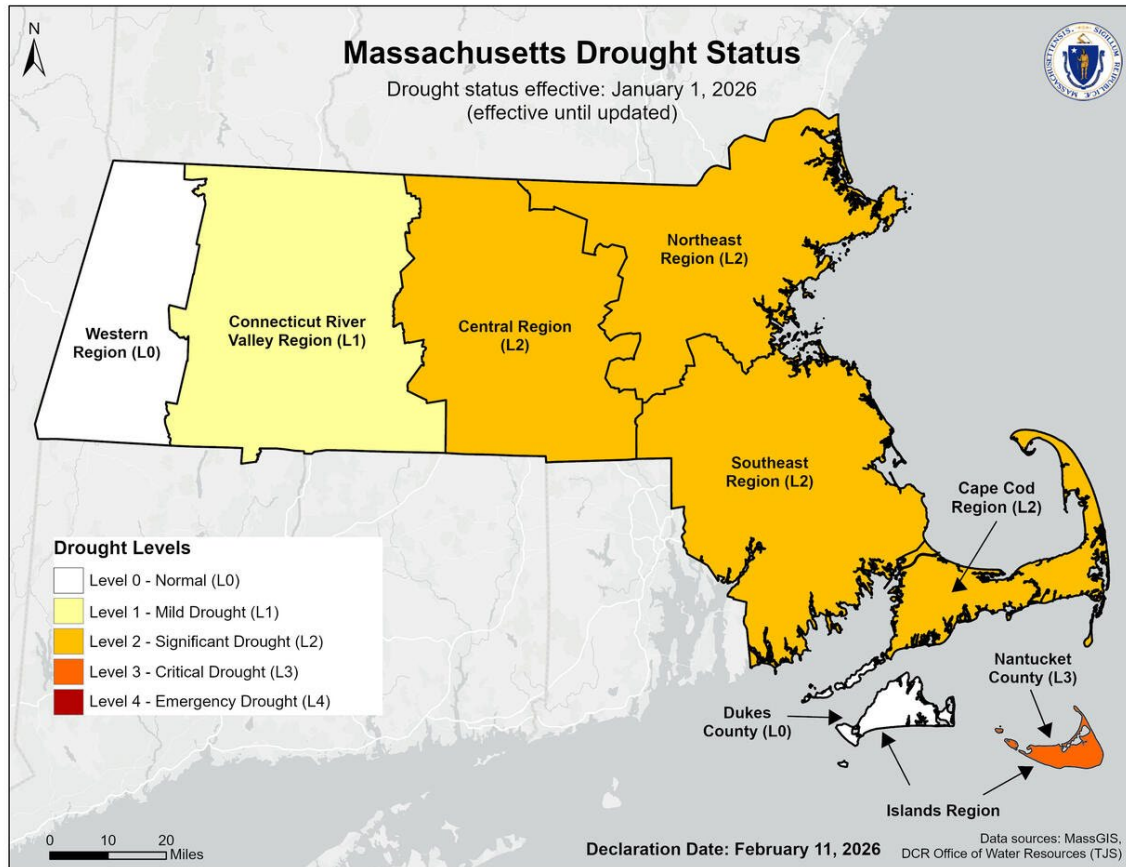


USGS 414632070014901 MA-BMW 22R BREWSTER, MA



Drought Update:

- Massachusetts Drought Task Force generated the following drought map on February 11, 2026, to review conditions throughout the Commonwealth.
- They met again on March 6th and 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 Rob Faley at (508) 945-5155 or rfaley@chatham-ma.gov.