

2021

86th Annual Report

Sudbury Water District of Sudbury, Massachusetts

Proceedings for the Fiscal Year
Ending June 30, 2021
Special Meeting May 18, 2021

OFFICIAL WARRANTS

Fiscal Year Ending 2022/2023

Annual Water District Meeting – May 17, 2022
Special Water District Meeting – May 17, 2022

Sudbury Water District
199 Raymond Road
Sudbury, MA 01776

Elections 3:00 pm - 7:00 pm
Annual Meeting 7:00 pm
Special Meeting 7:15 pm



Sudbury Water District

199 Raymond Road • P.O. Box 111 • Sudbury, MA 01776
Phone (978) 443-6602 • Fax (978) 443-9587
customerservice@sudburywater.com

sudburywater.com



DISTRICT OFFICERS

MODERATOR

Craig E. Blake

Term Expires 2022

DISTRICT CLERK

Susan O'Connor

Term Expires 2022

BOARD OF WATER COMMISSIONERS

Robert H. Sheldon, Chairman

Term Expires 2022

Joshua M. Fox

Term Expires 2023

Robert E. Boyd, Jr.

Term Expires 2024

TREASURER

Thomas S. Travers

Term Expires 2022

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WARRANT FOR THE 86th ANNUAL MEETING
The Sudbury Water District
of
Sudbury, Massachusetts
The Commonwealth of Massachusetts
Middlesex, ss.

To Susan O'Connor, Clerk of the District,

GREETINGS:

You are hereby required to warn the inhabitants of the Town of Sudbury who are legal voters within the territory of the Sudbury Water District of Sudbury, the establishment of which is provided for in Chapter 100 of the Acts of the General Court of Massachusetts for the year 1934, to meet at the Sudbury Water District in said Town on Tuesday, the 17th of May 2022 at seven o'clock in the evening; then and there to choose by ballot in accordance with law, a Moderator, a District Clerk, and a Treasurer, all for one year and one member of the Board of Water Commissioners for three years. The polls will open at three o'clock in the afternoon and remain open until seven o'clock in the evening.

And you are required to warn said voters that the Annual Meeting of the District will be held at the same location at seven o'clock in the evening on the aforementioned date, then and there to act on the following articles, to wit:

Article 1. To hear and act on reports.

Article 2. To see if the District will vote to raise and appropriate or appropriate from available funds, the following sums of money for any and all necessary District purposes, for the fiscal year July 1, 2022, through June 30, 2023, or act on anything relative thereto. (Submitted by the Board of Water Commissioners.)

Maintenance & Operations	2,119,517.00
Administrative Salaries	9,050.00
Audit / CPA	14,500.00
Legal	30,000.00
Insurance and Bonding	435,500.00
Principal on Notes and Bonds	448,300.00
Notes and Bonds/Interest & Expenses	161,612.50
Service Costs	15,000.00
Middlesex County Retirement	192,116.00
Emergency Reserve	75,000.00
DEP Assessment	6,038.33
TOTAL BUDGET	\$3,506,633.83

Article 3. To see if the District will vote to raise and appropriate or appropriate from available funds the sum of \$50,000.00, or any other sum, for the purpose of acquiring various pieces of equipment for use by the District, or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Article 4. To see if the District will vote to raise and appropriate or appropriate from available funds the sum of \$275,000.00, or any other sum, to be used for emergency repair or replacement of water mains and appurtenances within the District, or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Article 5. To see if the District will vote to raise and appropriate or appropriate from available funds the sum of \$75,000.00, or any other sum, to be used for the “New Meter Program/Replacement of Water Meters” account and costs relative thereto, or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Article 6. To see if the District will vote to raise and appropriate or appropriate from available funds the sum of \$190,000.00, or any other sum, to be used for the “Engineering, Redevelopment, Repair, Maintenance, or Replacement” account of parts of wells in use by the District, or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Article 7. To see if the District will vote to transfer from “free cash” the sum of \$150,000.00, or any other sum, to be used for the “Future System Improvement/Maintenance” account and associated costs, or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Article 8. To see if the District will vote to transfer from “free cash” the sum of \$100,000.00, or any other sum to be added to the “Construct Water Mains” account, or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Article 9. To see if the District will vote to transfer from “free cash” the sum of \$120,000.00, or any other sum to be added to the account “Other Post-Employment Benefits Trust Fund”, or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Article 10. To see if the District will vote to establish a “Stabilization Fund” pursuant to M.G.L. Chapter 40, Section 5B, for the purpose to mitigate the impact of increasing pension assessments. (Submitted by the Board of Water Commissioners)

Article 11. To see if the District will vote to transfer from “free cash” the sum of \$5,000.00, or any other sum to be used for funding of the “Stabilization Fund”, established to mitigate the impact of increasing pension assessments, or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Article 12. To see if the District will vote to transfer from “free cash” the sum of \$350,000.00, or any other sum to be added to the “PFAS Treatment Facility Design/Construction Project”, or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Article 13. To see if the District will vote to borrow under Chapter 44 of the General Laws the sum of \$3,700,000.00, or any other sum to pay cost for construction of “PFAS Water Treatment Facilities”, or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Article 14. To see if the District will vote on petition by property owners to the Board of Water Commissioners that the boundaries of the District be expanded to include a portion of land in Concord, Massachusetts from the current District

boundary along North Road, Sudbury, Massachusetts being the same premises conveyed to Quarry North Road LLC by deed of the Town of Sudbury dated February 17, 2021 and recorded in the Middlesex South Registry of Deeds in Book 77153, Page 396, Said land is also shown as “Area C” and Parcel A” on Plan 230 of 2021 recorded at said deeds, that being the land in Concord, Middlesex County, Massachusetts, located off North Road consisting of approximately 16.4 acres, said land being shown as a portion of Lot 3 on a plan titled “Plan of Land #0, #16, #36 North Road Sudbury, MA in Sudbury, Mass,” by Sullivan, Connors and Associates Land Surveying and Civil Engineering, 121 Boston Post Road, Sudbury Massachusetts 01776 dated January 15, 2021, Scale 1”=100’ said plan recorded at the Middlesex South Registry of Deeds as Plan No.68 of 2021 (Sheet 3 of 3), and also described as being a portion of Lot 1 shown on a plan entitled “Land in Sudbury & Concord Mass Surveyed for Joseph & Maria Melone Trust”, October, 1982 Charles A. Perkins Co. Inc. Civil Engineers & Surveyors, 444 High St., Clinton, Mass 01510, which plan is recorded at Middlesex South Registry of Deeds as Plan No. 321 of 1992 in Book 21995, Page 172, or act on any thing relative thereto. (Submitted by Quarry North, LLC)

Article 15. To hear the report of the District Clerk regarding the results of the election just concluded.

And you are directed to serve this warrant by posting attested copies thereof in three or more public places within said District at least fourteen days before the time of meeting aforesaid; and you are further directed to give or cause to be given by delivering at each dwelling or mailing to each householder in the District a notice of such meeting at least fourteen days prior to the time of the meeting aforesaid and make due return of this warrant with your doings thereon to ourselves at or before the time the meeting aforesaid.

Witness our hands this 22nd day of March 2022

Robert H. Sheldon, Chairman
Robert E. Boyd, Jr.
Joshua M. Fox

Board of Water Commissioners
of the Sudbury Water District
of Sudbury, Massachusetts

A True Copy, Attest:

Susan O'Connor, District Clerk

WARRANT FOR THE SPECIAL MEETING
of
May 17, 2022
The Sudbury Water District
of
Sudbury, Massachusetts
The Commonwealth of Massachusetts
Middlesex, ss.

To Susan O'Connor, Clerk of the District,

Greetings:

You are hereby required to warn the inhabitants of the Town of Sudbury who are legal voters within the territory of the Sudbury Water District of Sudbury, the establishment of which is provided for in Chapter 100 of the Acts of the General Court of Massachusetts for the year 1934, that a special meeting of said District will be held in the Sudbury Water District in said Town on Tuesday, the 17th day of May, 2022 at 7:15 in the evening, then and there to act on the following articles, to wit:

Article 1. To see if the District will vote to transfer from "free cash" the sum of \$60,000.00 or any other sum to be added to the account "Reserve Fund," or act on anything relative thereto. (Submitted by the Board of Water Commissioners)

Witness our hands this 22nd day of March, 2022

Robert H. Sheldon, Chairman
Robert E. Boyd, Jr.
Joshua M. Fox

Board of Water Commissioners
of the Sudbury Water District
of Sudbury, Massachusetts

A True Copy, Attest:

Susan O'Connor, District Clerk

TREASURER'S REPORT

Balance Sheet - June 30, 2021

Assets	Enterprise Fund	Enterprise Fund Capital Assets	Enterprise Fund Long-Term Debt	Fiduciary Fund OPEB Trust
Petty Cash	\$500			
Cash	4,800,577			
Investments:				
» Massachusetts Municipal Depository Trust	738,819			
» Commonwealth Financial Network				2,535,984
Accounts Receivable Net of Allowance for Uncollectible Accounts:				
» Water Rates	258,627			
» Miscellaneous	115			
» Backflow	60			
» Due from Other Governments - grants	38,111			
Capital Assets (net of accumulated depreciation):				
» Capital Assets Not Being Depreciated		939,569		
» Capital Assets Being Depreciated		23,686,443		
Amount to be provided for Long-Term Debt			4,750,000	
TOTAL ASSETS	\$5,836,809	\$24,626,012	\$4,750,000	\$2,535,984
Liabilities and Fund Equity				
Liabilities				
» Wages Payable	\$11,101			
» Accounts Payable	140,522			
» Service Deposits Payable	20,250			
» Withholdings Payable	28,578			
» Unclaimed Checks	503			
» Bonds Payable			4,750,000	
Total Liabilities	200,954		4,750,000	
Fund Equity				
» Retained Earnings:				
» Reserved for Petty Cash	500			
» Reserved for Continued Appropriations	278,261			
» Invested in Capital Assets		24,626,012		
» Restricted for Other Post Employment Benefits				2,535,984
» Unreserved:				
Undesignated	2,638,694			
Designated for System Development	124,887			
Designated for Land Sale	10,000			
Designated for Union Avenue Project	155,610			
Designated for Maynard Road Project	50,000			
Designated for Subsequent Year's Expense	2,377,903			
Total Fund Equity	5,635,855	24,626,012		2,535,984
TOTAL LIABILITIES AND FUND EQUITY	\$5,836,809	\$24,626,012	\$4,750,000	\$2,535,984

CONTROL SHEET

	2020/2021 Budget	2020/2021 Actual	2021/2022 Budget	2022/2023 Budget
Maintenance & Operation Control	\$1,986,374.00	\$1,846,389.94	\$2,053,765.00	\$2,119,517.00
Salaries – Regular	\$1,071,390.00	\$1,067,593.04	\$1,108,910.00	\$1,167,861.00
Salaries – Overtime	67,832.00	32,954.84	68,055.00	62,156.00
Bank Service Charges	12,000.00	9,668.79	12,500.00	12,000.00
Computer	65,000.00	92,104.93	78,500.00	90,000.00
Chemicals	84,000.00	54,929.92	80,000.00	80,000.00
General	160,000.00	156,189.49	170,000.00	170,000.00
Utilities	325,152.00	275,025.45	315,000.00	320,000.00
Operating Supplies	20,000.00	17,170.36	20,000.00	20,000.00
Telephone	26,000.00	28,285.66	26,500.00	26,500.00
Vehicles	60,000.00	40,795.07	60,000.00	60,000.00
Medicare Contributions	17,000.00	16,771.79	18,800.00	19,000.00
FICA Contributions	7,000.00	4,813.76	7,500.00	8,000.00
Water Testing	55,000.00	43,825.45	72,000.00	68,000.00
Training	16,000.00	4,661.39	16,000.00	16,000.00
Erroneous Expense	0.00	1,600.00		

REPORT OF REVENUES

Budget Basis of Accounting · July 1, 2020 to June 30, 2021

Account Name	Annual Budget	Revenue	Variance Favorable (Unfavorable)
Revenues			
» Water Charges		\$4,712,123	
» Demand Fees		54,474	
» Backflow		15,895	
» Service Installations		7,989	
» Cell Tower Leases		138,542	
» Miscellaneous		95,942	
» PFAS Grant		111,169	
» Earnings on Investments		18,724	
Total Revenues	3,960,891	5,154,858	1,193,967
Other Available Funds/Sources			
» Free Cash	510,000	510,000	
Total Other Available Funds/Sources	510,000	510,000	
TOTAL REVENUES AND OTHER SOURCES	\$4,470,891	\$5,664,858	\$1,193,967

Note: Revenues are reported on a budget basis (cash) not an accrual basis

REPORT OF EXPENDITURES

Budget Basis of Accounting
July 1, 2020 - June 30, 2021

Account Name	July 1, 2020 Continued Appropriations	Annual Budget	
Maintenance & Operations:		\$1,986,374	
Articles			
» Administration Salaries		9,050	
» Audit/CPA		13,500	
» Legal		50,000	
» Insurance and Bonding		405,000	
» Principal Loan/Note Payments		460,000	
» Interest Loan/Note Payments		178,281	
» New Service Installations		15,000	
» Middlesex County Retirement Assessment		142,163	
» DEP Assessment		5,354	
» Emergency Reserve		160,000	
» Well Exploration	8,134		
» General Extension		250,000	
» Other Post Employment Benefits Trust Contribution		130,000	
» Well #4 Construction	62,077		
» Equipment	21,140	60,000	
» New Meter Program	67,726	90,000	
» Well Repairs, Replace, Engineering & Redevelopment		125,000	
» Public Information & Education	2,219		
» Planning & Needs Study	10,000		
» Future System Improvements - Mains	6,372	150,000	
» Computer Model Water System	15,679		
» Construct Water Mains	392,155	100,000	
» Building Project	202,444		
» Well #7 Cleaning	230		
» Bigelow Tank/Telemetry Study	56,035		
» Design/Replace Codjer Lane Main	1,480		
» Water Master Plan	95,495		
» M/R Storage Tanks		30,000	
» PFAS Grant		111,169	
Total Articles	941,186	2,484,517	
TOTAL BUDGET BASIS	\$941,186	\$4,470,891	

	Transfers	Articles Voted for 2022 Budget	Expenditures	June 30, 2021 Continued Appropriations	Unexpended Balance
			\$1,846,390		\$139,984
			8,800		250
			13,500		
			47,816		2,184
			371,767		33,233
			460,000		
			178,281		
			13,916		1,084
			142,163		
	276		5,630		
	(131,759)				28,241
				8,134	
	2,496		252,496		
			130,000		
		(62,077)			
			64,358	16,782	
			94,126	63,600	
	48,435		171,813	1,622	
				2,219	
	622		10,622		
			127,410	28,962	
			15,679		
	78,395		469,184	101,366	
		(196,469)	5,975		
				230	
			11,296	44,739	
			1,480		
	695		85,585	10,605	
			29,998	2	
	840		112,009		
		(258,546)	2,823,904	278,261	64,992
		\$(258,546)	\$4,670,294	\$278,261	\$204,976

RECORD OF THE 85th ANNUAL MEETING
of
The Sudbury Water District
of
Sudbury, Massachusetts

Sudbury Water District
199 Raymond Road
Sudbury, Massachusetts

May 18, 2021
Election 3:00 p.m. – 7:00 p.m.
Meeting 7:00 p.m.

Pursuant to the Warrant dated the 23rd day of March 2021 signed by Joshua M. Fox, Robert H. Sheldon and Robert E. Boyd, Jr., Board of Water Commissioners, served according to law by Susan O'Connor, District Clerk, the Annual Meeting of the Sudbury Water District of Sudbury was held at the Sudbury Water District, 199 Raymond Road, Sudbury, Massachusetts, on May Eighteenth, Two Thousand Twenty-One.

The meeting was called to order at seven o'clock in the evening, a quorum being present. Craig E. Blake, District Moderator, announced that he had examined the call of the meeting and District Clerk's return of service and found them to be in order.

At that time, the Moderator read to the meeting a letter from the Massachusetts Department of Revenue, Division of Local Services indicating the amount of "free cash" as of July 1, 2021, for the Sudbury Water District was \$2,507,686.00

Introduction of the persons sitting at the head table from left was as follows: Vincent J. Roy, Executive Director, Joshua M. Fox, Robert H. Sheldon, Robert E. Boyd, Jr., Board of Water Commissioners, Thomas S. Travers, Treasurer, Karen A. Moretti, Office Manager/Assistant Treasurer, Richard Hingston, CPA, Lawson Williams, Counsel, Susan O'Connor, District Clerk; Renee Adams, Customer Service Manager. Unanimous consent was given for any non-member of the Sudbury Water District at the head table to speak to answer any questions that may arise.

A motion was made to dispense with the reading of the call of the meeting, the Clerk's return of service, and the text of the articles. The motion was seconded and passed by a unanimous vote.

Article 1. To hear and act on report.

Seconded

Upon a vote by show of cards, it was a:

UNANIMOUS VOTE: "That the following reports be accepted as printed in the warrant for this meeting, as amended, subject to the correction of errors as and when found." (1) Record of the May 18, 2021, Annual Meeting. (2) Record of the May 18, 2021, Special Meeting.

The Board of Water Commissioners is pleased to present the following report summarizing the District's activities during the Fiscal Year ending 2021 for inclusion in the Minutes of this Annual Meeting of the Sudbury Water District.

SUDBURY WATER DISTRICT

“STATE OF THE DISTRICT – 2021”

The Sudbury Water District's Annual Meeting is underway, and we welcome you and thank you for your attendance. First, I should mention the passing of Bob Coe this past October. Bob was moderator for the Water District for at least 25 years, more than had been noted in his obituary. He was a dedicated member of the District and resident of the Town. On a personal note, he and I were neighbors, we rode the train together, and we served the Water District together for many years. He certainly will be missed.

I'd like to acknowledge and thank the District's hard-working staff, both the field crews and office staff. Together they do an incredible job of both monitoring and maintaining our physical infrastructure and maintaining the District's financial well-being. We have an excellent water system, our bond rating remains AAA, and our other post-employment benefits status is well ahead of where we have to be to address retiree health expenses.

This has been a very unusual year, with the pandemic changing the way that we meet, interact with each other, and interact with the public. Despite the challenges, we've been able to keep up with the demands. We're very close to having all of our staff 100% vaccinated. We look forward to opening our doors for face-to-face business with customers soon, and we appreciate your cooperation. That said, it's quite incredible what we've managed to do this past year. Here are the highlights.

We replaced about a mile of outdated water main with new ductile iron pipe, including replacement water main on Codjer Lane and Morse Road. We integrated Well 3 into the East Street Water Treatment Facilities, which previously only treated Wells 8 and 10. We replaced all the commercial water meters. We identified and addressed a potential threat to our East Street Water Treatment Plant wells as a result a beaver dam raising Hop Brook elevation, which could put our wells in the area under the direct influence of surface water. We prepared a Risk and Resiliency Plan to identify the District's vulnerabilities and how to minimize them. In fact, Executive Director Roy was a co-presenter of a talk to the local chapter of the American Public Works Association. I was able to sit in on that talk, and it was impressive to see other utilities asking questions of him and hear what the District was doing as an example for them. We also prepared a Water Master Plan, which is an in-depth look at the District's infrastructure, how the systems work, and what the District needs for improvements. That study concluded with a prioritized list of projects, looking well into the future.

Two significant projects have emanated from the Water Master Plan, improvements to our system's monitoring and control system – our SCADA system – and development of a high-pressure zone for the consumers located at higher elevations. SCADA improvements will enhance cyber security, improve water quality through better control of the water in our storage tanks, and better enable us to monitor and control the system as a whole. The high-pressure zone project will begin as a study, in conjunction with the evaluation of how best to replace the Goodman Hill Water Storage Tank. The water storage tanks in our system are all currently at the same elevation, which sets the pressure of the water in homes and businesses. Homes and businesses located at lower elevations have higher pressure water, whereas homes located at higher elevations such as Goodman Hill and Willis Hill, have much lower pressure. A dedicated high-pressure zone using a booster-pump system will better serve the homes and improve fire-fighting capabilities at the higher elevations.

The District has continued to work with the Town on aspects of the Quarry North development. We've reviewed plans for the wastewater treatment and disposal system, especially in light of the potential effects on our Well 5. Also related to that project, we acquired an eight-acre parcel of land from the Town, near our Wells 4 and 6 off Raymond and Warren Roads, to preserve the water quality of the Raymond Road Aquifer and to provide a potential site for a replacement well if needed. That land was in exchange for the land the District gave to Quarry North for its development as part of the arrangement with the Town. The District has also received about \$650,000 as our share of the negotiated agreement between Quarry North, the Town, and the District.

Those of you who travel on Dutton Road will have seen the signs for the construction on the bridge over Hop Brook, scheduled to start on the 1st of June. The District and Town have worked together on this project so that the District can replace our old water main as an integrated part of the construction, rather than risk having to perform expensive excavation to repair or replace the main in the future.

The final project I want to bring to your attention is the District's water system and per- and polyfluoroalkyl substances, commonly referred to as PFAS compounds. These are the "forever" compounds that have been very much in the news recently. The District issued a press release on April 29, and we have quite a bit of information on the subject on our website, sudburywater.com. Later, we'll be voting on three articles associated with the appropriation of funding for PFAS treatment. We'll discuss the topic further when those articles are presented for consideration, but I'd like to provide you with an update on regulations, PFAS in our water supply, and what actions we've taken and are planning to take with regard to PFAS:

- The US EPA does not have a regulatory limit for PFAS in drinking water and will probably not for several years, although they did establish a non-binding health advisory limit of 70 parts per trillion. Massachusetts has established a regulatory maximum concentration limit (MCL) of 20 parts per trillion for the sum of six specific PFAS compounds. Massachusetts is one of only six states in the country to have PFAS regulations for drinking water. Those states are all in the northeast, except for Michigan, and each state's regulations are different from one another.
- The District first tested for PFAS in 2013, and the concentrations were below detection limits. However, analytical techniques have become much more sophisticated since then, enabling detection limits to be much lower. In January 2020, the District, voluntarily began evaluating our water system for PFAS, working with the Sudbury Board of Health. We sampled and analyzed quarterly and are now doing so monthly. We will continue to monitor our system on a monthly basis going forward and report the results to MassDEP.
- The PFAS results have varied somewhat, but the concentrations have remained below the MassDEP's MCL of 20 parts per trillion, staying roughly in the 15 parts per trillion range, and it's been pretty uniform throughout both the Raymond Road and Pratts Mill Aquifers. It's difficult to point to any specific source within Sudbury.
- We've maintained and continue to maintain close communications with MassDEP and the Sudbury Board of Health (and other Town boards and groups) to keep everyone aware of our findings and plans.
- We hired Weston and Sampson, experts in PFAS monitoring and treatment, to

advise us on the subject.

- Weston and Sampson's team has worked with the District to prepare a study summarizing findings to date and prescribing a plan for building granular activated carbon (GAC) treatment facilities at our two treatment plant sites.
- Weston and Sampson also helped us apply for a MassDEP grant, and we were fortunate to have received \$111,169 to help offset the cost of design of treatment facilities and they've already begun the design of the Raymond Road Water Treatment Facility's PFAS treatment add-on, using the MassDEP funds.
- We have put financial plans in place for funding the construction of the new treatment facilities. Those plans will require approval of transfers and bonding articles at tonight's meeting.
- Throughout the past year and a half, Executive Director Roy, his staff, and I have attended training sessions and presentations on PFAS, and we've toured PFAS treatment facilities with Weston and Sampson to better understand what can be done and how our system can be retrofitted most effectively and efficiently.

We're well into the design of the PFAS treatment add-on to the Raymond Road Water Treatment Facilities, much of which can then be used for the design at the East Street Water Treatment Facilities. There are some long-lead items, such as concrete pads and piping that are relatively inexpensive but are wise investments to enable rapid deployment of treatment. We're also looking into the pre-purchase of carbon containers, which currently have a lead time of about 22 weeks. The PFAS treatment will be an addition to the existing water treatment facilities at Raymond Road and at East Street, where we remove iron and manganese in the water, largely for aesthetic purposes to minimize discoloration and staining. That's an advantage for us, because PFAS treatment needs to have iron and manganese removed to be effective and not plug up the carbon beds. So, we've got the necessary pretreatment in place already at both plants. The Raymond Road Water Treatment Facilities are capable of meeting the average demands of the District, whereas the East Street Water Treatment Facilities are a little smaller and are not capable of fully handling the average demands of the District. Because of that, we have prioritized development of PFAS treatment for Raymond Road's plant first, then followed by the East Street PFAS plant.

I'm sure there are a lot of question on this matter. PFAS compounds are hard for us to avoid, even if all drinking water was 100% free of them. They've been around since the 1940s and are in food packaging, clothing, non-stick cookware, ski wax, fire-fighting foams, and even in rainwater. Even though there are multiple exposure pathways to PFAS, regulatory authorities are focusing on what can be done specifically with public drinking water supplies, and the District wants to stay well in front of the situation and not have to face an emergency such as other communities have had to face already.

We thank you again for coming out tonight, and we look forward to working with you to review and vote on the articles being presented to you in the annual and special meetings.

The Annual Meeting resumed at 7:35 p.m.

Article 2. To see if the District will raise and appropriate, or appropriate from available funds, the following sums of money for any and all necessary District purposes, for the fiscal year July 1, 2021 through June 30, 2022:

Maintenance & Operations	2,053,765.00
Administrative Salaries	9,050.00
Audit/CPA	14,000.00
Legal	40,000.00
Insurance and Bonding	423,500.00
Principal on Notes and Bonds	280,000.00
Notes, Bonds, Interest Expense	164,943.76
Service Costs	15,000.00
Middlesex County Retirement	178,572.00
Emergency Reserve	75,000.00
DEP Assessment	5,354.00
TOTAL BUDGET	\$3,259,184.76

Seconded

Upon a vote by a show of cards, it was a:

UNANIMOUS VOTE: "That the District raise and appropriate the sums of money set fourth in Article 2 of the Warrant this Annual Meeting for any and all necessary District purposes, for Fiscal Year July 1, 2020 through June 30, 2021."

Maintenance & Operations	2,053,765.00
Administrative Salaries	9,050.00
Audit/CPA	14,000.00
Legal	40,000.00
Insurance and Bonding	423,500.00
Principal on Notes and Bonds	280,000.00
Notes, Bonds, Interest Expense	164,943.76
Service Costs	15,000.00
Middlesex County Retirement	178,572.259
Emergency Reserve	75,000.00
DEP Assessment	5,354.00
TOTAL BUDGET	\$3,259,184.76

Article 3. To see if the District will vote to raise and appropriate 60,000.00 for the purpose of acquiring various pieces of equipment for use by the District.

Seconded

Upon a vote by a show of cards, it was a:

UNANIMOUS VOTE: "That the District raise and appropriate \$60,000.00 for the purpose of acquiring various pieces of equipment for use by the District."

Article 4. To see if the District will vote to raise and appropriate \$275,000.00 to be used for the extension, maintenance, or replacement of water mains within the District.

Seconded

Upon a vote by a show of cards, it was a:

UNANIMOUS VOTE: "That the District raise and appropriate \$275,000.00 to be used for the extension, maintenance, or replacement of water mains within the District."

Article 5. To see if the District will vote to raise and appropriate \$50,000.00 for the "New Meter Program/Replacement of Water Meters", and costs relative thereto.

Seconded

Upon a vote by a show of cards, it was a:

UNVANIMOUS VOTE: "That the District raise and appropriate \$50,000 for the "New Meter Program/Replacement of Water Meters".

Article 6: To see if the District will vote to raise and appropriate \$175,000 to be used for engineering, redevelopment, repair, maintenance, or replacement of parts of wells and treatment plants in use by the District.

Seconded

Upon a vote by a show of cards, it was a:

UNANIMOUS VOTE: "That the District raise and appropriate \$175,000.00 to be used for engineering, redevelopment, repair, maintenance, or replacement of parts of wells and treatment plants in use by the District."

Article 7. To see if the District will vote to transfer \$150,000.00 from "free cash" to the account "Future System Improvement/Maintenance" and associated costs.

Seconded

Upon a vote by a show of cards, it was a:

UNANIMOUS VOTE: "That the District transfers \$150,000.00 from "free cash" to the account "Future System Improvement/Maintenance."

Article 8. To see if the District will vote to transfer from "free cash" the sum of \$125,000.00 to the account established as "Other Post- Employment Benefits Trust Fund".

Seconded

Upon a vote by a show of cards, it was a:

UNANIMOUS VOTE: "That the District transfer from "free cash" \$125,000.00 from "free cash" to the account "Other Post- Employment Benefits Trust Fund."

Article 9: To see if the District will vote to transfer from "free cash" the sum of \$110,000.00 to be added to the account established as "Bigelow Tank Telemetry."

Seconded

Upon a vote by a show of cards, it was a:

UNANIMOUS VOTE: "That the District transfer from "free cash" the sum of \$110,000.00 to be added to the account "Bigelow Tank Telemetry."

Article 10: To see if the District will vote to transfer from “free cash” the sum of \$50,000.00 for the “High Pressure Service Area Preliminary Design”.

Seconded

Upon a vote by a show of cards, it was a:

UNANIMOUS VOTE: That the District transfer from “free cash” \$50,000.00 for the “High Pressure Service Area Preliminary”.

Article 11. To see if the District will vote to transfer from “free cash” the sum of \$120,000, or any other sum for the “Morse Road & Codjer Lane Paving Project”

Seconded

Upon a vote by a show of cards, it was a:

UNANIMOUS VOTE: “That the District will vote to transfer from “free cash” the sum of \$120,000.00 to be added to the “Morse Road & Codjer Lane Paving Project”.

Article 12. To see if the District will vote to transfer from “free cash” the sum of \$460,000.00, or any other for “SCADA System Upgrade/Engineering and Construction”.

Seconded

Upon a show of cards, it was a:

UNANIMOUS VOTE: That the District transfer from “free cash” \$460,000.00 for the “SCADA System Upgrade/Engineering and Construction”.

Article 13. To see if the District will vote to transfer from “free cash” the sum of \$25,000.00 for the “Water Audit/Distribution System”.

Seconded

Upon a show of cards, it was a:

UNANIMOUS VOTE: That the District transfer from “free cash” \$25,000.00 for the “Water Audit/Distribution System.

Article 14. To see if the District will vote to transfer from “free cash” the sum of \$425,000.00 for the “PFAS Treatment Facility Design/Construction”.

Seconded

Upon a show of cards, it was a:

UNANIMOUS VOTE: That the District transfer from “free cash” \$425,000.00 for the “PFAS Treatment Facility Design/Construction”.

Article 15. To see if the District will vote to transfer the following sums or any other sums:

Move from Account	Move to Account	Sum
Well #4 Construction	PFAS Treatment Facility Design/Construction	\$62,076.66
Building Project	PFAS Treatment Facility Design/Construction	\$196,468.84

Seconded

Upon a show of cards, it was a:

UNANIMOUS VOTE: That the District transfer the following sums of money.

Move from Account	Move to Account	Sum
Well #4 Construction	PFAS Treatment Facility Design/Construction	\$62,076.66
Building Project	PFAS Treatment Facility Design/Construction	\$196,468.84

Article 16. To see if the District will vote to borrow under Chapter 44 of the General Laws the sum of \$3,220,000.00 to pay costs for construction of “PFAS Mitigation Facility”.

Seconded

Upon a show of cards, it was a:

UNANIMOUS VOTE: To borrow under Chapter 44 of the General Laws \$3,220,000.00 for the cost of construction of ‘PFAS Mitigation Facility’.

Article 17. To see if the District will vote to transfer the following sums of money to the following.

Move from Account	Move to Account	Sum
Land Sale Fund Balance	Well Improvements and Development of New Sources	\$654,357.50

Seconded

Upon a show of cards, it was a:

UNANIMOUS VOTE: To transfer the above sum of money.

Move from Account	Move to Account	Sum
Land Sale Fund Balance	Well Improvements and Development of New Sources	\$654,357.50

Article 18: To see if the District will vote to hear the District Clerk regarding the results of the election just concluded.

Seconded

Upon a vote by a show of cards, it was a:

UNANIMOUS VOTE: "That the District hears the report of the District Clerk regarding the results of the election just concluded."

DISTRICT MODERATOR FOR ONE YEAR

Craig E. Blake (election)	23
Blanks	7
Other	0
Total	30

DISTRICT CLERK FOR ONE YEAR

Susan O'Connor (Re-election)	24
Blanks	6
Other	0
Total	30

DISTRICT TREASURER FOR ONE YEAR

Thomas S. Travers (Re-election)	29
Blanks	1
Other	0
Total	30

MEMBER OF THE BOARD OF WATER
COMMISSIONERS FOR THREE YEARS

Robert E. Boyd, Jr. (Re-election)	21
Blanks	9
Other	0
Total	30

There being no further business to come before the meeting and upon a motion duly made and seconded it was voted unanimously that "THE MEETING BE ADJOURNED."

The meeting adjourned at 8:07 in the evening.

A True Copy: Attest

Respectively submitted,
Susan O'Connor, District Clerk

Immediately after the close of the 85th Annual Meeting, Joshua M. Fox swore in Susan O'Connor as District Clerk for the term of one year. Susan O'Connor then swore in the following elected officials: Craig E. Blake as District Moderator for the term of one year, Thomas S. Travers as Treasurer for the term of one year, and Robert E. Boyd as Commissioner for the term of three years.

RECORD OF THE SPECIAL MEETING

of
The Sudbury Water District
of
Sudbury, Massachusetts

Sudbury Water District
199 Raymond Road
Sudbury, Massachusetts

May 18, 2021
7:15 p.m.

Pursuant to the Special Warrant dated the 23rd day of March, 2021, signed by Robert E. Boyd, Jr., Joshua M. Fox, Robert H. Sheldon, Board of Water Commissioners, served according to law by Susan O'Connor, District Clerk, the Special Meeting of the Sudbury Water District of Sudbury was held at the Sudbury Water District, 199 Raymond Road, Sudbury, Massachusetts, on June Sixteenth Two Thousand Twenty.

The meeting was called to order at seven fifteen in the evening, a quorum being present.

Article 1. To see if the District will vote to transfer the sum of \$100,000.00 from the account "Free Cash" to the account established as "Reserve Fund."

Seconded

Upon a vote by show of cards, it was a:

UNANIMOUS VOTE: "That the District transfer \$100,000.00 from "Free Cash" to be added to the account established as "Reserve Fund."

There being no further business to come before the Special Meeting and upon a motion duly made and seconded it was voted unanimously that "THE SPECIAL MEETING BE ADJOURNED."

The meeting adjourned at seven twenty in the evening.

A True Copy: Attest

Respectively submitted,
Susan O'Connor, District Clerk

SUPPLEMENTARY SHEET "A"

WATER MAINS ADDED IN 2021

(Linear Feet)

New Subdivisions	Feet of Pipe	Main Size	Type	Additional Hydrants
		8"	DI	
		8"	DI	
		8"	DI	
		8"	DI	
		8"	DI	
		12"	DI	

Water Main Addition	Feet of Pipe	Main Size	Type	Additional Hydrants
		8"	PVC	
		6"	DI	
		8"	DI	
		10"	DI	
		12"	DI	
		16"	DI	

Total Hydrants Maintained by Sudbury Water District				983
Total Private Hydrants				78

WATER MAINS ADDED & EXISTING

(Linear Feet)

Size / Type	Year End 2020	2021	Total Existing
16" DI	12,700		12,700
16" AC	3,760		3,760
12" CI	9,774		9,774
12" AC	36,600		36,600
12" DI	40,399		40,399
10" CI	3,844		3,844
10" AC	144,480		144,480
10" PVC	12,403		12,403
10" DI	34,150		34,150
8" CI	14,465		14,465
8" AC	246,791		246,791
8" PVC	36,867		36,867
8" DI	105,416		105,416
6" CI	5,438		5,438
6" AC	47,967		47,967
6" PVC	5,868		5,868
6" DI	3,658		3,658
4" AC	379		379
Totals	762,559		762,559

SUPPLEMENTARY SHEET "B"

(Units in Thousands of Gallons)

Year	Billed	Pumped	Difference	Largest Day Amount	Largest Week Amount	Largest Month Amount
2011	530,811	589,997	59,186	June 9 4,086	June 5 to June 12 18,641	July 71,542
2012	544,611	627,699	83,088	August 8 3,382	July 15 to July 21 20,684	July 82,337
2013	536,141	625,322	89,181	July 19 3,791	July 14 to July 20 22,949	July 81,018
2014	523,090	607,093	84,003	June 30 3,361	July 20 to July 26 18,999	July 75,394
2015	547,512	680,154	132,642	Sept 9 3,698	May 24 to May 30 22,739	September 80,853
2016	549,526	678,626	129,100	June 26 3,963	June 19 to June 25 23,811	June 90,155
2017	484,703	598,516	113,813	July 21 3,101	August 27 to September 3 16,553	August 68,841
2018	496,595	592,662	96,067	June 20 3,418	June 17 to June 23 18,213	July 73,887
2019	479,439	563,577	84,138	July 10 2,630	July 9 to July 15 15,198	July 67,382
2020	484,811	635,613	150,802	June 22 3,616	June 15 to June 22 25,848	August 81,517
2021	479,082	598,510	119,428	June 9 3,298	June 1 to June 9 18,663	June 73,183

Registered Volume Withdrawal:	Well # 1	No longer in service
Registered Volume Withdrawal:	Well # 2A	1.0 MGD
Registered Volume Withdrawal:	Well # 3A	1.0 MGD
Registered Volume Withdrawal:	Well # 4	0.68 MGD
Registered Volume Withdrawal:	Well # 5	0.5 MGD
Permitted Volume Withdrawal:	Well # 6	0.72 MGD
Permitted Volume Withdrawal:	Well # 7	1.0 MGD
Registered Volume Withdrawal:	Well # 8A	0.79 MGD
Permitted Volume Withdrawal:	Well # 9	1.20 MGD
Permitted Volume Withdrawal:	Well # 10	0.69 MGD

MGD = Million Gallons per Day

