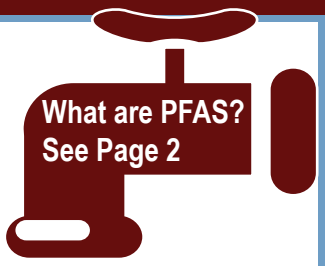
Article 4 Well 3 Water Treatment Plant
PFAS

Facility to reduce PFAS in Town's water supply

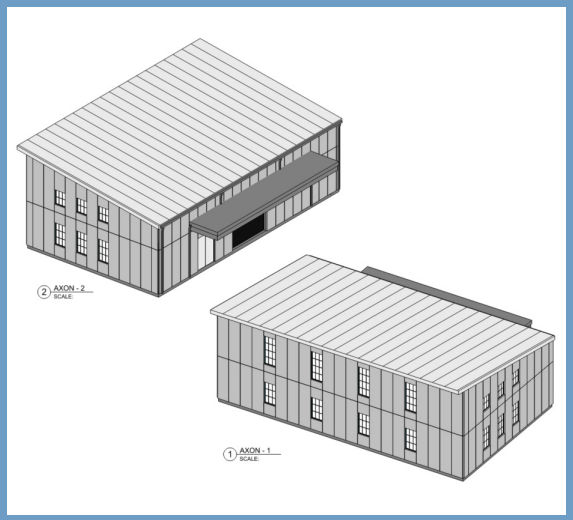
What is Article 4 on the November 6th Town Meeting?

- Article 4 will fund the construction of a new Water Treatment Plant (WTP), to treat water from Well 3, located off Birch Street.
- PFAS levels at Well 3 have come close to exceeding MassDEP current drinking water standards but have ultimately not done so. New proposed federal regulations could lower action levels and cause the well to be taken offline. Well 3 is critical to supplying water to the Town during periods of high demand and providing system redundancy.
- The new WTP is required to improve water quality and ensure continued compliance with existing and proposed drinking water regulations for PFAS (per- and polyfluoroalkyl substances).
- PFAS will be filtered out by large granular activated carbon vessels in the new facility. See more about PFAS chemicals on Page 2.



What are the benefits of the new Well 3 Water Treatment Plant?

- The carbon filters in the new building will reduce PFAS to non-detectable levels.
- This treatment technology will allow the facility to comply with existing MassDEP regulations and proposed EPA regulations.
- The new building is designed with extra space for flexibility to expand or modify treatment in the future if needed.



From left to right:
Picture of Carbon Vessels at the recently completed D'Angelis WTP. Architectural sketch of new building.

When will the new Well 3 WTP be completed and what is the cost?

- Kleinfelder is currently working to complete the final design of the facility under an accelerated schedule. The competitive contractor public bid process will take place in Spring 2024 once all funding source approvals have been obtained.
- The Article amount below has been based on a detailed cost estimate using information from other similar projects. Since bids are not yet available, the estimate includes a contingency intended to cover uncertainty in the construction market.
- The estimated construction schedule is 18 months and the new WTP is expected to be placed into service in the Fall of 2025.

Article 4: PFAS Water Filtration Treatment Plant

This will require borrowing of $7.1M. The borrowing will be paid back over 30 years through an increase to water rates. Representative Auchincloss has successfully secured a Congressional Earmark for $3,452,972 to fund this project. There is also a state program that will forgive $195,125 of principle on this project. The Town needs to approve the full project, as required by bond counsel. The total cost estimated to be paid by the town is $3,451,903.

Total Cost:	$7,1000,000	This is the amount we need to approve for funding
Earmark:	$(3,452,972)	EPA Grant
Principle Forgiveness:	$(195,125)	Principle Forgiveness via anticipated Drinking Water State Revolving Fund Loan
	$3,451,903	**The amount we will be paying back**

Estimated Annual Cost to Rate Payers

	Total Cost	FY25	FY26	FY27	FY28	FY29	FY30
Cost with Subsidy:	$3,451,903	$68	$101	$161	$159	$158	$156

What else is the Town doing about PFAS?

Building the new Well 3 Water Treatment Plant is a critical part of Millis's PFAS Response Plan. Other ongoing actions include:

Construction of the new D'Angelis PFAS Building (Completed July 2023)

Frequent testing of the other Town wells to ensure safe levels.

Working closely with MassDEP during their investigation into sources of the contamination.

Providing transparency in communication – through website updates, presentations, and newsletters to give residents updates and information – on how they can reduce their exposure to PFAS.

Obtaining grant funding and federal loans to offset costs.

More information

Millis Water System PFAS Updates/Details

https://www.millisma.gov/public-works-highway-department/pages/pfas-drinking-water-information

If you have additional questions, contact:

- Millis Public Works Director, Jim McKay (508) 376-7040 or jmckay@millisma.gov

The Town of Millis is committed to providing reliable, high-quality drinking water that meets all state and federal safety standards.