

**RYE WATER DISTRICT
PUBLIC HEARING
Wednesday, January 31, 2024, 7:30 p.m.
(following the Budget Committee Meeting)
Rye Town Hall & via Zoom**

Commissioners Present: Chair Ralph Hickson, Scott Marion, and Rosalie Lopresto

Others Present for RWD: Attorney Keriann Roman, Chris Berg from Wright-Pierce, Superintendent Arik Jones, and Business Manager Dyana Ledger

The Rye Water District will hold a public hearing on Wednesday, January 31, 2024 at 7:30 PM in the Rye Town Hall, 10 Central Road, Rye, in accordance with the provisions of RSA 33:8-a to receive public comment on the question of a warrant article(s) to borrow up to \$15,950,000 for the design, development and construction of a water treatment facility.

At the public hearing, the Commissioners will discuss the likely availability of loan funds from the N.H. Department of Environmental Services (“NHDES”) Drinking Water State Revolving Loan Fund for up to \$11,000,000 which includes \$2,000,000 in loan forgiveness, and of loan funds from the NH Drinking Water & Groundwater Trust Fund for up to \$4,950,000.

At 8:42 p.m., RWD Chair Ralph Hickson opened the public hearing.

Chris Berg, Wright-Pierce Engineering, presented the proposal for a central treatment facility for the Rye Water District.

**Please see attached presentation.*

Chair Hickson opened to the public for comments and questions.

RWD Commission addressed questions asked by the following residents:

- Rob Wright, 64 Alehson Street;
- Joe Cummins, 990 Washington Road;
- Steven Borne, 431 Wallis Road;
- Kevin Brandon, 617 Central Road;
- Phyllis Breitman, 44 Mountain View Terrace;
- Delton Record, 260 Grove Road;
- Mike Steinberg, 17 Sea Glass Lane; and
- Ingrid Fisher, 480 Wallis Road.

Hearing no further comments or questions, Chair Hickson closed to public comment at 9:27 p.m.

- Rye Water District voters will be voting on Warrant Article #03 at the RWD Annual Meeting on Saturday, March 23, 2024, 10:00 a.m., Rye Junior High.

Article #03 To see if the District will vote to raise and appropriate the sum of \$15,950,000.00 (gross budget) for the purpose of design, development, and construction of a water treatment facility (the “Project”), that will qualify the District for federal and/or state funds, and to authorize the issuance of general obligation bonds or notes of the District in accordance with the provisions of the Municipal Finance Act (NH RSA 33:1 et seq., as amended) in the amount up to \$15,950,000.00; and further to authorize the District Commissioners to issue, negotiate, sell and deliver such bonds or notes, and to determine the interest rate thereon and the maturity and other terms thereof; and further to authorize District Commissioners to apply for, obtain and accept federal, state, or other aid, grants or other funds, if any which may be available for the Project, and use such funds to reduce the amount of bonds or notes issued or to pay debt service on the bonds or notes, and to participate in the State Revolving Fund (SRF) RSA 486:14 and the Drinking Water & Groundwater Trust Fund (DWGTF) RSA 485-F established for this purpose; and to authorize the District Commissioners to take any other action or to pass any other vote relative thereto. It is anticipated that the District will receive up to \$2,000,000.00 in principal forgiveness from the State Revolving Fund loan program. (3/5 Majority **Ballot** Vote Required).

This Article is recommended by the Commissioners 3-0

This Article is/is not recommended by the Budget Committee (not yet voted)

Motion by Scott Marion to move Article #03 to the Rye Water District Warrant. Seconded by Rosalie Lopresto. Vote: 3-0

- The Rye Water District will be holding an informational session for the funding of the water treatment facility on Monday, March 28, 2024, 6:30 p.m., Rye Junior High.

At 9:31 p.m., Scott Marion moved to close the public hearing. Seconded by Rosalie Lopresto. Vote: 3-0

Adjournment

Motion by Scott Marion to adjourn at 9:32 p.m. Seconded by Rosalie Lopresto. All in favor.

Respectfully Submitted, Dyana F Ledger

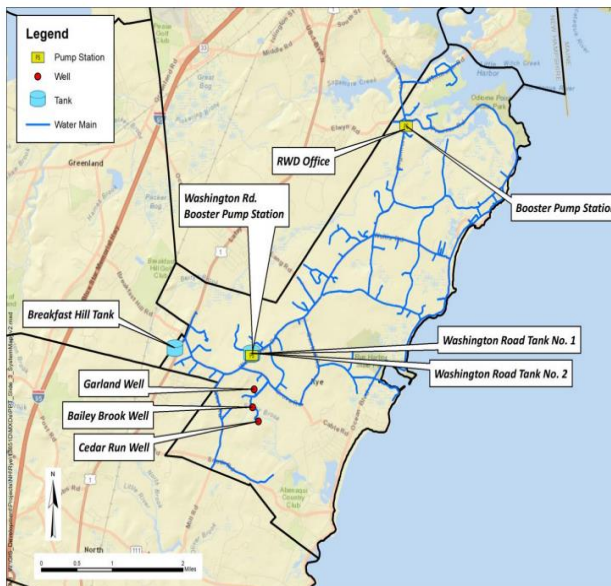
Central Water Treatment Facility for Rye Water District

Chris Berg, PE

WRIGHT-PIERCE
Engineering a Better Environment



Current Water Supply



- Three wells make up the current supply
 - Cedar Run Well
 - Bailey Brook Well
 - Garland Well
- Source water is disinfected with chlorine at the point of entry building near Garland Well

WRIGHT-PIERCE
Engineering a Better Environment

Current Water Supply



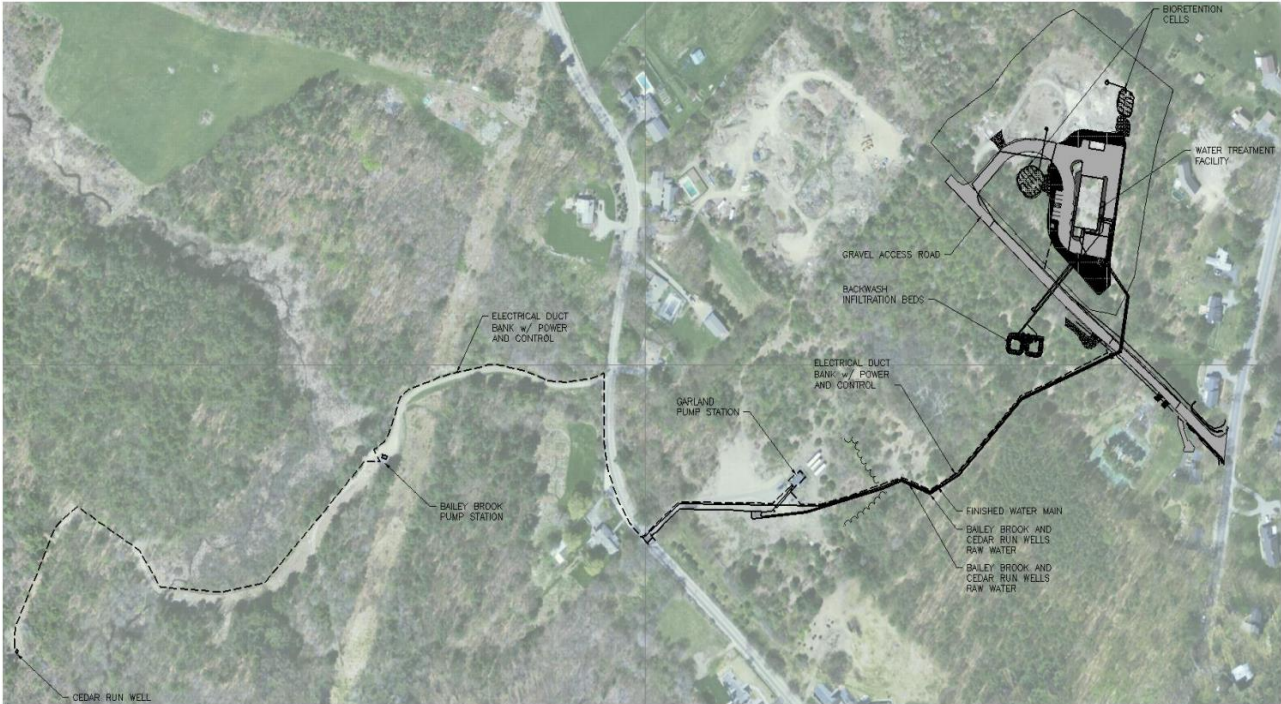
- **Garland Well**
 - 500 gpm
 - Low pH 6.6 – KOH added to increase pH
 - PFAS has been consistently detected in Garland Well above the detection limit (>4 ppt)
- **Bailey Brook Well**
 - 330 gpm
 - pH 7.6
 - Fe 0.5 ppm and Mn 0.07 ppm
- **Cedar Run Well**
 - 350 gpm
 - pH 7.2
 - Fe 4.0 ppm
 - Mn 0.32 ppm – complexed with organic carbon
- **Disinfection of all sources at the point-of-entry facility**

Project Goals

- **Treatment facility designed to treat all three wells**
- **Bailey Brook and Cedar Run**
 - Reduce Iron, manganese, and TOC through the filtration process to levels below those proposed by the NHDES Mn Rule and USEPA Secondary MCL
- **Garland**
 - Adjust pH for corrosion control in line with other sources
- **All wells**
 - Treat for PFAS to meet proposed PFAS Regulation
 - Provide disinfection to meet EPA Ground Water Rule
- **Centralize treatment, improve operational efficiency, and reduce activity in the Garland Well sanitary radius**
- **Modifications in transmission and distribution system near WTF**

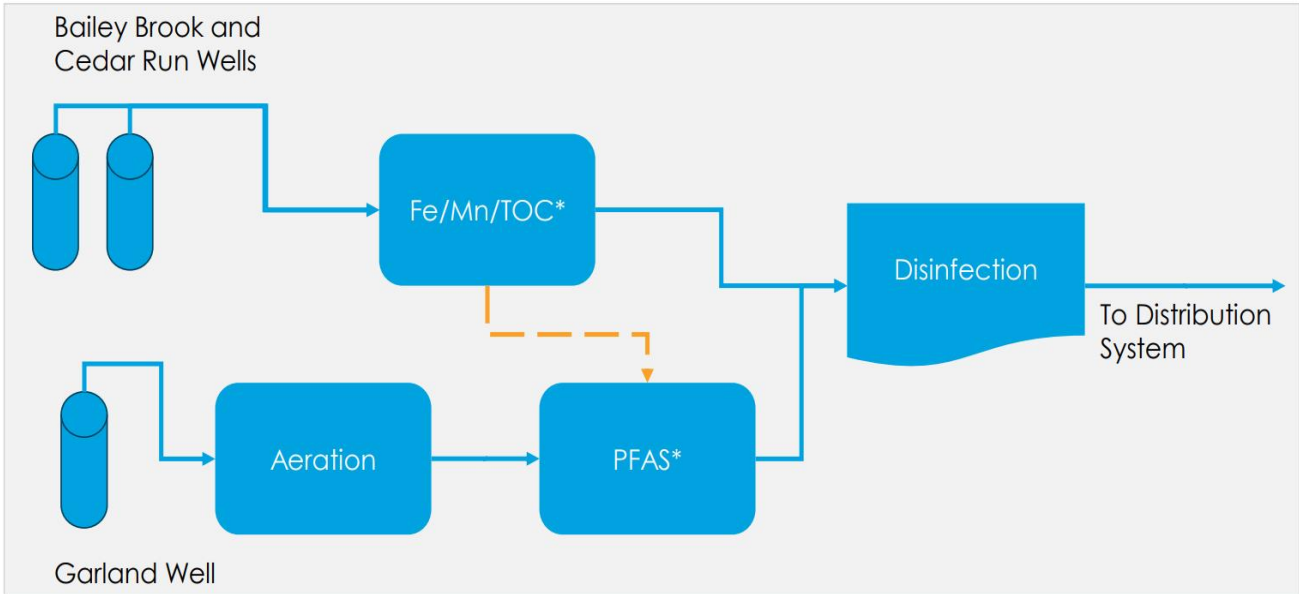


Project Area



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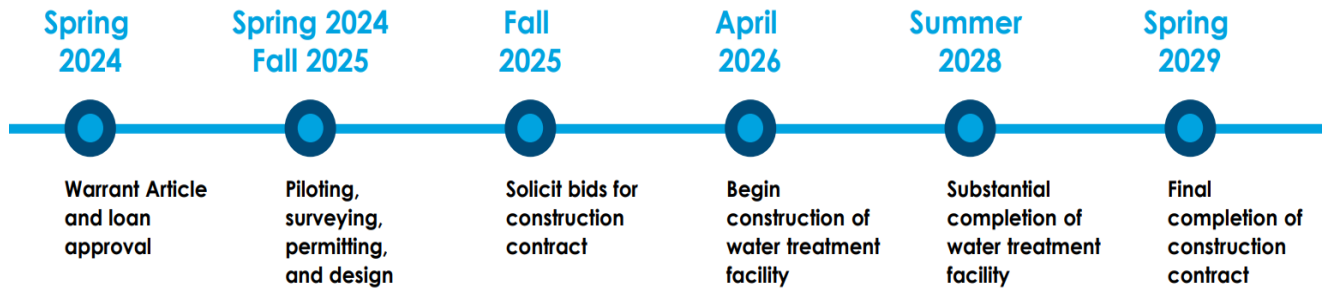
Proposed Treatment Scheme



*Pilot trials will be conducted in 2024 to confirm the selection of the most appropriate treatment technology.

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Proposed Schedule



Project Costs & Funding

Contribution	Amount	Est. Principal Forgiveness	Interest Rate
Drinking Water & Groundwater Trust Fund Loan	\$4,950,000	0%	3.5%
Drinking Water State Revolving Fund – Emerging Contaminants	\$1,000,000	100%	--
Drinking Water State Revolving Fund	\$10,000,000	10%	2.8%
Total Estimated Project Cost	\$15,950,000	--	--



- Est. 20 yr Loan Term
- \$13.95M Loan Value
- Debt service starts 2028-29