

FAQ – Ridgewood Water (RW) Glen Rock Presentation – March 18th, 2023

PFAS	Question	Response
PFAS FAQ #1	Please explain how the remediation of PFOS/PFOA from the drinking water is being funded.	RW is funding the remediation of PFOS/PFOA through both municipal bonds and NJ Infrastructure Bank (IBank) low and zero interest loans. Whenever possible RW is seeking grants and IBank principal forgiveness to lower the costs. To date, RW has been awarded a \$2.8-million-dollar grant and anticipates \$1 million in principal forgiveness from the IBank. In addition, RW has filed a lawsuit in order to hold the PFAS manufacturers responsible for the costs imposed by PFAS remediation.
PFAS FAQ #2	It has been over two years since the original elevated levels of PFOS/PFOA. When can we expect this situation to be resolved? If not immediately, can we switch to other water suppliers?	The first treatment facility was completed and brought online in 2019. The second facility went online in 2022 and a third is currently under construction. Engineering design, permitting, and construction of the remaining facilities will continue this year and into 2024, 2025 and 2026. Please see PFAS FAQ #8 for a more detailed timeline. Ridgewood Water has existing interconnections with a number of the surrounding systems, most recently entering into a contract and connecting with Passaic Valley Water Commission. We have had an interconnection with Veolia since 2006.
PFAS FAQ #3	What if Glen Rock is poisoning its own water by the runoff from its own artificial turf fields?	RW is not a subject matter expert on this topic and has no experiential authority to comment at this time.
PFAS FAQ #4	Since Ridgewood Water first had to publish numbers on its water quality, two big questions in	RW publishes all of its water quality parameters via our Consumer Confidence Reports (CCRs) and on NJDEP’s Drinking Water Watch website. Please feel free to follow this link and search for Ridgewood Water - https://www9.state.nj.us/DEP/WaterWatch_public/ PFOA is a subclass of the chemicals known as PFAS, per-and polyfluoroalkyl substances. These chemicals have been

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	<p>my mind have been:</p> <ol style="list-style-type: none"> 1. Where do PFOS/PFOA chemicals come from? How do they get into our wells? Can we eliminate the source? 2. How long does it take to clean the chemicals from our wells and out of our water? 	<p>manufactured for consumer products around the world since the 1940s. PFAS has also been used in firefighting foams for many decades and can be found in many everyday consumer products. As providers of potable water, our water system has acted as a first line of defense against many contaminants considered a public health risk. With the discovery of the health concerns surrounding PFAS, we had to employ new methods specifically designed for removing these emergent contaminants (e.g., PFOS/PFOA). Currently, we are undertaking an aggressive construction effort to ensure our delivered water is below detectable levels. Please see the RW Website for more information by following this link. https://water.ridgewoodnj.net/pfas-resources/</p> <p>With each treatment plant installation, we reduce the amount of PFAS entering our distribution system. The installation schedule targets our largest treatment plants having the greatest impact on the highest number of Ridgewood Water customers. We are currently on track to have all treatment facilities up and running by 2026. Please see PFAS FAQ #8 for a more detailed timeline.</p>
PFAS FAQ #5	I have heard that if I boil water, it elevates the PFAS presence in the water. Is this true?	Boiling the water does not elevate the level of PFAS but it may concentrate the molecules. There are limited scientific studies available to support this statement. Yet to provide some context, if you have 5 molecules in 1 cup of water, then boil it down to ¾ a cup of water, you will now have 5 molecules in ¾ a cup of water.
PFAS FAQ #6	RE: Mitigation of PFOS/PFOA – Is the commercial Brita filter adequate?	Please consult with Brita on the type of filter if it is available. RW has provided a link to NSF Approved Filters under the FAQ section in PFAS Information. Here are the associated links. https://info.nsf.org/Certified/DWTU/Listings.asp?ProductFunction=P473%7CP https://water.ridgewoodnj.net/pfas-resources/

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PFAS FAQ #7	Can you tell us all the companies that are named in the lawsuit?	<p>Please follow this link to our website’s home page and select the Legal Complaint link under Latest News for details of the case on our website. The companies named in the lawsuit are the manufacturers of PFOA and PFOS and firefighting foams made with those chemicals.</p> <p>https://water.ridgewoodnj.net/</p>
PFAS FAQ #8	Can you provide a summary of the PFOS/PFOA treatment plant schedule?	<p>Construction of some of the larger plants began in 2018, and all of this work is anticipated to be completed by 2026, with the majority completed in 2025.</p> <p>Summary Timeline:</p> <p>2018 – Construction of Carr Treatment Facility Begins 2019 – Carr Treatment Facility Completed and Online 2020 – RW Completed Master Treatment Plan 2021 – NJDEP and Village of Ridgewood Mayor and Council Approve RW Master Plan 2021 – Construction of Twinney Treatment Facility Begins 2022 – Twinney Treatment Facility Completed and Online 2022 – RW Awarded 2.8 M Grant for Ravine/Marr Treatment Facility 2023 – Construction of Ravine/Marr Treatment Facility Begins 2023 – Anticipated Construction Start for Prospect, Ames, Cedar Hill, and Wortendyke 2024 – Ravine/Marr Anticipated Completion 2024 – East Ridgewood, Eastside, Main, Mountain, and West End Anticipated Start Date 2025 – Prospect, Ames, Cedar Hill, and Wortendyke Anticipated Completion 2026 – East Ridgewood, Eastside, Main, Mountain, and West End Facilities Anticipated Completion</p>
PFAS FAQ #9	What are the charges that I am seeing on my water bill; they say ‘surcharge’?	<p>To fund the cost of creating the infrastructure for filtering PFAS from our drinking water, RW initiated a PFAS Treatment Charge in 2021. This fixed amount (surcharge) is charged by meter size. This charge was chosen in lieu of increasing volume rates due to the fact that it can be removed or offset in the future by any grant funds or legal recovery that is made by RW for the PFAS Treatment.</p>

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PFAS FAQ #10	How many miles of new pipelines will be put in to connect the new treatment plants?	The PFAS Treatment System will include 69,050 linear feet or 13.1 miles of transmission mains to bring RW wells to all the planned treatment facilities.
PFAS FAQ #11	Why haven't we heard about the PFOS/PFOA problem until recently? It seems like people have known for a long time.	<p>In May 2016, the USEPA issued its first non-enforceable Health Advisory. Since that time, the EPA and its research partners have been working on developing the analytical tools necessary to identify the levels in substances, such as our drinking water, and evaluate the health effects. In 2020, the NJDEP adopted a maximum contaminant limit (MCL) for PFOA and PFOS, and the USEPA just proposed its first standard in March of 2023. RW began its investigatory sampling at the end of 2016 and began its voluntary public notifications in 2018 through 2021. Once the NJ Rule went into effect, and our wells exceeded the MCL, we then began mailing quarterly public notifications as required by NJ regulations. Please follow this link to find the list of all Public Notifications issued by RW to date.</p> <p>https://water.ridgewoodnj.net/post-1109/</p>
PFAS FAQ #12	What tests are available to see how much PFOS/PFOA is in my body?	<p>RW does not conduct any direct testing on individuals. It is recommended that you contact your doctor for more information.</p> <p>Here is additional information on tests that are available.</p> <ul style="list-style-type: none"> - Eurofins Blood Serum Test - https://www.eurofinsus.com/environment-testing/pfas-testing/services/blood-and-serum/ -NJDOH Study - Department of Health Public Health and Environmental Laboratories Biomonitoring Projects Grant Cycles 2019-2024 (nj.gov)