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Director

NORTH CAROLINA
Environmental Quality

January 19, 2023

TO: PINE MOUNTAIN POA INC
2885 PINE MOUNTAIN DRIVE
ATTN: EDITH STITT
CONNELLY SPRINGS, NC, 28612

RE: PINE MOUNTAIN LAKES S/D
WATER SYSTEM NUMBER: NC0112133
COUNTY: BURKE

Dear Water System Contact,

Thank you for participating in the NC Public Water Supply Section's ongoing voluntary per- and polyfluoroalkyl substances (PFAS) sampling efforts. This email provides your water system's initial results for the sample collected from your water system. The data are presented in the attached spreadsheet.

This notification is intended to give systems time to review the results, to communicate with their customers (including "consecutive" public water systems (PWSs) that purchase water from a "parent" PWS), and to pursue any other actions that are warranted prior to the public release of the data by NC Department of Environmental Quality (NC DEQ). Public release is scheduled for the first half of 2024. In March 2023, the U.S. Environmental Protection Agency (EPA) announced the proposed regulation of six PFAS compounds for public water systems: A Maximum Contaminant Level (MCL) for PFOA and PFOS, at 4 parts per trillion. The proposed rule would also regulate GenX, PFNA, PFHxS and PFBS through the use of a Hazard Index calculation. **Sampling of your system did not show results in exceedance of the draft MCL levels.**

Once the proposed EPA rule becomes final, public water systems will have three years to meet the MCLs. More information on the EPA's proposed Drinking Water Regulation is available here: https://tinyurl.com/2p96nmnj.

EPA recommends that PWSs provide consumers with information about the levels of PFAS in their drinking water. North Carolina-specific resources for residents, including information on filtration options and a clinician's memo from NC Division of Health and Human Services on potential PFAS health impacts are available here: http://deq.nc.gov/understanding-PFAS.

NC DEQ recommends using these results to consider what steps may be necessary to address PFAS contamination in the future. In the Fact Sheet for Public Water Systems (https://tinyurl.com/5ckwatfp), EPA provides steps to limit exposure including closing contaminated wells or changing the rates of blending of water sources, where the available quantity of drinking water is not compromised. Systems may also remove PFAS by installing treatment technologies.

NC DEQ's Division of Water Infrastructure is offering Emerging Contaminants funding for planning and construction projects addressing PFAS in PWSs. You can learn more about funding options here: https://tinyurl.com/bdh52j9a. For additional information about available funding, please reach out to Cathy Akroyd (Cathy.Akroyd@deq.nc.gov), Division of Water Infrastructure's Public Information Officer.

Thank you again for your participation in these sampling efforts that are providing valuable information related to PFAS in North Carolina's drinking water and help us prepare for the upcoming PFAS regulation. If you have any questions please contact Josh Kastrinsky at Josh.Kastrinsky@deq.nc.gov.

Sincerely,

RBSadosky

Rebecca Sadosky, Ph.D., Chief
Public Water Supply Section
Division of Water Resources, NCDEQ

Enclosure: Initial PFAS Results Table

cc: ASHEVILLE REGIONAL OFFICE

Water System Name: PINE MOUNTAIN LAKES S/D
Water System Number: NC0112133
Sampling Date: 10/04/2023

Full Name of Compound	Short Name	Value [ng/L = ppt]
Perfluorooctanoic acid	PFOA	ND
Perfluorooctanesulfonic acid	PFOS	ND
Hazard Index [unitless]	HI	ND
Perfluoro-2-methyl-3-oxahexanoic acid	GenX	ND
Perfluorobutane Sulfonic Acid	PFBS	ND
Perfluorohexane Sulfonic Acid	PFHxS	ND
Perfluorononanoic Acid	PFNA	ND
Perfluoro-3-methoxypropanoic acid	PFMOPrA	ND
Perfluoro-2-(perfluoromethoxy)propanoic acid	PMPA	ND
Perfluoro- 2-methoxyacetic acid	PFMOAA	ND
Perfluoro-3,5-dioxahexanoic acid	PFO2HxA	ND
Perfluoro-3,5,7-trioxaoctanoic acid	PFO3OA	ND
Perfluoro-3,5,7,9-butaoxadecanoic acid	PFO4DA	ND
Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid	PFO5DoA	ND
Perfluoro-4-isopropoxybutanoic acid	PFECA-G	ND
Perfluoro-3,6-dioxa-4-methyl-7-octene-1-sulfonic acid	PFESA BP1	ND
Perfluoro-2-{[perfluoro-3-(perfluoroethoxy)-2-propanyl]oxy}ethanesulfonic acid	PFESA BP2	ND
Perfluoro-4-(2-sulfoethoxy)pentanoic acid	PFESA BP4	ND
Fluoro[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2-tetrafluoro-2-sulfoethoxy)propoxy]acetic acid	PFESA BP5	ND
1,1,2,2-tetrafluoro-2-[(1,1,1,2,3,3,4,4-octafluorobutan-2-yl)oxy]ethane-1-sulfonic acid	PFESA BP6	ND
Perfluoro-3,6-dioxaheptanoic acid	PFECA-B	ND
Perfluoro-3-{[1-(ethenyloxy)propan-2-yl]oxy}propanoic acid	EVE	ND
2,2,3,3-Tetrafluoro-3-{[1,1,1,2,3,3-hexafluoro-3-(1,2,2,2-tetrafluoroethoxy)propan-2-yl]oxy}propanoic acid	Hydro-EVE	ND
R-EVE (4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-Pentanoic acid)	R-EVE	ND
1,1,2,2-Tetrafluoro-2-(1,2,2,2-tetrafluoroethoxy)ethanesulfonic acid	NVHOS	ND
Perfluoro(2-ethoxyethane)sulfonic acid	PES	ND
Perfluoropropanoic acid	PFPrA	ND
Perfluorobutanoic Acid	PFBA	ND
Perfluoropentanoic Acid	PFPeA	ND
Perfluorohexanoic Acid	PFHxA	ND
Perfluoroheptanoic Acid	PFHpA	ND
Perfluoro(4-methoxybutanoic) acid	PFMOBA	ND
Perfluorodecanoic Acid	PFDA	ND
Perfluoroundecanoic Acid	PFUnA	ND
Perfluorododecanoic Acid	PFDoA	ND

Perfluorotridecanoic Acid	PFTriA	ND
Perfluorotetradecanoic Acid	PFTA	ND
Perfluorohexadecanoic acid	PFHxDA	ND
Perfluorooctadecanoic acid	PFODA	ND
Perfluoropentane sulfonic acid	PFPeS	ND
Perfluoroheptane sulfonic acid	PFHpS	ND
2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid	PEPA	ND
Perfluorononanesulfonic acid	PFNS	ND
Perfluorodecane Sulfonic Acid	PFDS	ND
Perfluorododecane sulfonic acid	PFDoS	ND
4,8-dioxa-3H-perfluorononanoic acid	ADONA	ND
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid	9Cl-PF3ONS	ND
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS	ND
1H,1H,2H,2H-perfluorohexanesulfonate	4:2 FTS	ND
6:2 Fluorotelomer sulfonate	6:2 FTS	ND
1H,1H,2H,2H-perfluorodecanesulfonate	8:2 FTS	ND
Perfluorooctane Sulfonamide	PFOSA	ND
N-methyl perfluoro-1-octanesulfonamide	NMeFOSA	ND
N-ethylperfluoro-1-octanesulfonamide	NEtFOSA	ND
N-methyl perfluorooctane sulfonamidoacetic acid	N-MeFOSAA	ND
N-ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	ND
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NMeFOSE	ND
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NEtFOSE	ND

Legend

ND = Non-Detect
ng/L = Nanograms per liter
ppt = Parts per trillion