Dear Water Customer:

In August of 2021 (Well 1) and in June of 2023 (Well 2), were tested randomly by the EPA for PFOS/PFOA levels for the City of White. Levels were found to be on high side since the EPA announced new Lifetime Health Advisories for PFOS/PFOA setting a recommended combined limit of 70 ppt. In 2022, EPA issued updated advisory levels that were well below what were previously nondetectable levels. In March 2023, the EPA announced the proposed NPSWR to establish legally enforceable levels for six PFAS in drinking water. In April of this year, the EPA finalized its proposed NPDWR and announced its expectation that over the next 100 years or so the new standard for acceptable PFAS levels will prevent many deaths and serious illnesses.

The City of White has acted by obtaining a $1.8 million dollar grant in December of 2023 to aid in resolving the PFAS exceedance of the advisory limits. Whether it's to drill a new well, to treat our current water or purchase water from nearby Bartow County, a resolution will be reached. The EPA has given municipalities until 2029 to reduce the amount of PFAS in their water to new enforceable levels.

The City Council acted at the June 2024 council meeting by entering into a contract with the EPD to do testing on a monthly basis so the city can obtain consistent information of PFAS levels. This valuable information will help the city engineer, mayor, council, and water department strategize on the best approach to take in order to serve the community with the best water possible.

What is PFAS? The definition of PFAS:

It is an umbrella term used to describe highly resistant fluorocarbon compounds. The unique chemical bond between fluorine and carbon provides useful properties like oil, grease, and water resistance. Nicknamed "Forever Chemicals", PFAS do not break down naturally and tend to bioaccumulate (build up in plants, animals, and humans over time). Due to its long history of production and pathways into the environment, low-level background concentrations of PFAS compounds have been found worldwide. These background concentrations vary depending on the local environment and oftentimes the proximity to industries that used PFAS in

their manufacturing operations. For example, concentrations tend to increase near urban or industrial areas and decrease in rural areas. PFAS is typically released into water through manufacturing, treatment or other industrial means.

Northwest GA has been especially impacted by PFAS. Surface water samples in Northwest GA testing positive for PFAS include the Coosawattee, Conasauga, Oostanaula, Coosa Rivers, as well as the ground water found within our region. Studies have linked elevated levels of PFAS in the region to carpet and textile manufacturers.

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

5804 Peachtree Corners East, Norcross, GA 30092-3403
(678) 248-7383

LABORATORY REPORT

TO: Mr. JIMMY D. NICHOLS
PO Box 116
WHITE, GA 30184-0116

Sample ID: AK83091
Facility Name: white
Site ID: 0150004
Location ID:
Location Descr: 302: 23LL #2 PLANT

Date Collected: 8/30/2021
Time Collected: 11:00
Sample Collector: J. NICHOLS
Chlorination: Y
Sample Type:
Received By: MB
Date Received: 8/31/2021
Time Received: 11:00 AM
Project: PFAS_STUDY
Reporting Date: 9/21/2021
Received Temperature: 0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYST	ANALYSIS DATE	MCL or QC Range	
PFAS 537 QC Batch 192537										
Surrogate 13C2_PFDA			EPA 537.1	4.2	ng/L	5	MS	9/8/2021	*2.8 to*	*5.2*
Surrogate 13C2-PFHxA			EPA 537.1	4.12	ng/L	5	MS	9/8/2021	*2.8 to*	*5.2*
Surrogate 13C3-HFPO-DA			EPA 537.1	4.08	ng/L	5	MS	9/8/2021	*2.8 to*	*5.2*
Surrogate d5-NEtFOSAA			EPA 537.1	15.3	ng/L	5	MS	9/8/2021	*11.2 to*	*20.8*
11Cl-PF3OUdS			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
9Cl-PF3ONS			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
ADONA			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
HFPO-DA (GenX)			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
N-EtFOSSA			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
N-MeFOSSA			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
PFBS			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
PFDA			EPA 537.1	12	ng/L	5	MS	9/8/2021		
PFDoDA			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
PFHpA			EPA 537.1	12	ng/L	5	MS	9/8/2021		
PFHxA			EPA 537.1	23	ng/L	5	MS	9/8/2021		
PFHxS			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
PFNA			EPA 537.1	7.3	ng/L	5	MS	9/8/2021		
PFOA			EPA 537.1	33	ng/L	5	MS	9/8/2021		
PFOS			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
PFTeDA			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
PFTrDA			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
PFUnDA			EPA 537.1	Not Detected	ng/L	5	MS	9/8/2021		
PFAS 537 Field Blank										
11Cl-PF3OUdS			EPA 537.1	Not Detected	ng/L	1.67	MS	9/8/2021		1.67
9Cl-PF3ONS			EPA 537.1	Not Detected	ng/L	1.67	MS	9/8/2021		1.67
ADONA			EPA 537.1	Not Detected	ng/L	1.67	MS	9/8/2021		1.67
HFPO-DA (GenX)			EPA 537.1	Not Detected	ng/L	1.67	MS	9/8/2021		1.67
N-EtFOSSA			EPA 537.1	Not Detected	ng/L	1.67	MS	9/8/2021		1.67
N-MeFOSSA			EPA 537.1	Not Detected	ng/L	1.67	MS	9/8/2021		1.67

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<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Lab Director:	Mark Tolbert	470-524-0577
Inorganics:	Kristy Hrehor	470-524-0689
Metals:	Shene Jones	470-524-0544
Organics:	Daniel Durham	470-524-0639
GC Mass Spec:	Ralph Schulz	470-524-0684
Microbiology:	Mary Bowman	470-524-0709

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range	
PFBS			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFDA			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFDoDA			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFHpA			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFHxA			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFHxS			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFNA			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFOA			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFOS			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFTeDA			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFTrDA			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
PFUnDA			EPA 537.1	Not Detected	ng/L		1.67	MS	9/8/2021		1.67
Surrogate 13C2_PFDA			EPA 537.1	4.2	ng/L		1.67	MS	9/8/2021	*2.8 to*	*5.2*
Surrogate 13C2-PFHxA			EPA 537.1	4.24	ng/L		1.67	MS	9/8/2021	*2.8 to*	*5.2*
Surrogate 13C3-HFPO-DA			EPA 537.1	3.96	ng/L		1.67	MS	9/8/2021	*2.8 to*	*5.2*
Surrogate d5-NEtFOSAA			EPA 537.1	16.5	ng/L		1.67	MS	9/8/2021	*11.2 to*	*20.8*

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GC Mass Spec:	Ralph Schulz	470-524-0684
Microbiology:	Mary Bowman	470-524-0709

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ENVIRONMENTAL PROTECTION DIVISION

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LABORATORY REPORT

The GA EPD Labs are accepting UCMR5 and PFAS samples
Email Mark Tolbert at mark.tolbert@dnr.ga.gov for more information

TO: Mr. JIMMY D. NICHOLS
PO Box 116
WHITE, GA 30184-0116

Sample ID: AL35238
Facility Name: white 201
Site ID: 0150004
Location ID: 201
Location Descr: well #1 plant

Date Collected:	6/29/2023
Time Collected:	14:40
Sample Collector:	C. JONES
Chlorination:	Y
Sample Type:	
Received By:	AJC
Date Received:	6/30/2023
Time Received:	9:19 AM
Project:	PFAS_STUDY
Reporting Date:	8/17/2023
Received Temperature:	0.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range	
PFAS 537 QC Batch 204060											
Surrogate 13C2_PFDA		U	EPA 537.1	57.2	ng/L			SLZ	7/7/2023	*2.8to*	*5.2*
Surrogate 13C2-PFHxA		U	EPA 537.1	58.1	ng/L			SLZ	7/7/2023	*2.8to*	*5.2*
Surrogate 13C3-HFPO-DA			EPA 537.1	51.3	ng/L			SLZ	7/7/2023	*2.8to*	*5.2*
Surrogate d5-NEtFOSAA			EPA 537.1	198	ng/L			SLZ	7/7/2023	*11.2to*	*20.8*
11Cl-PF3OUdS			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
9Cl-PF3ONS			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
ADONA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
HFPO-DA (GenX)			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
N-EtFOSSA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
N-MeFOSSA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
PFBS			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
PFDA			EPA 537.1	20	ng/L		4	SLZ	7/7/2023		
PFDoDA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
PFHpA			EPA 537.1	19	ng/L		4	SLZ	7/7/2023		
PFHxA			EPA 537.1	31	ng/L		4	SLZ	7/7/2023		
PFHxS			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
PFNA			EPA 537.1	13	ng/L		4	SLZ	7/7/2023		
PFOA			EPA 537.1	39	ng/L		4	SLZ	7/7/2023		
PFOS			EPA 537.1	12	ng/L		4	SLZ	7/7/2023		
PFTeDA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
PFTrDA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
PFUnDA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/7/2023		
PFAS 537 Field Blank											
11Cl-PF3OUdS			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
9Cl-PF3ONS			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
ADONA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
HFPO-DA (GenX)			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67

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GC Mass Spec:	Ralph Schulz	470-524-0684	Ralph.Schulz@dnr.ga.gov
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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYST	ANALYSIS DATE	MCL or QC Range	
N-EtFOSSA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
N-MeFOSSA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFBS			EPA 537.1	Not Detected	ng/L	J	4	SLZ	7/25/2023		1.67
PFDA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFDoDA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFHpA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFHxA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFHxS			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFNA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFOA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFOS			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFTeDA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFTrDA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
PFUnDA			EPA 537.1	Not Detected	ng/L		4	SLZ	7/25/2023		1.67
Surrogate 13C2_PFDA			EPA 537.1	37.5	ng/L		5	SLZ	7/25/2023	*2.8to*	*5.2*
Surrogate 13C2-PFHxA			EPA 537.1	37.2	ng/L		5	SLZ	7/25/2023	*2.8to*	*5.2*
Surrogate 13C3-HFPO-DA			EPA 537.1	35.1	ng/L		5	SLZ	7/25/2023	*2.8to*	*5.2*
Surrogate d5-NEtFOSAA			EPA 537.1	161	ng/L		5	SLZ	7/25/2023	*11.2to*	*20.8*

COMMENTS: $537 - EPA 537.1 - Sample had two surrogates, 13C2-PFDA (57.2 ng/L recovery, limits 28-52 ng/L) and 13C2-PFHxA (58.1 ng/L recovery, limits 28-52 ng/L), with recoveries outside acceptable control limits. LCS results were within acceptable control limits. 7-072723-134

COMMENTS: $FB537 - EPA 537.1 - <J> - Estimated value. Field Blank extracted batch LCS had one compound, PFBS (63.9% recovery, limits 70-130%), with a recovery outside acceptable control limits. PFBS was not detected in the field sample. 7-072723-134

COMMENTS: $LS537 - EPA 537.1 - Insufficient sample for MS/MSD analysis. 7-072723-134

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