



JH CONSULTING GROUP, INC

PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

LABORATORY REPORT

Sample ID JH2403222
Federal Water Supply Code NY5503394 Supply Code 2302
Water Supply Town Woodstock Water Department DOH Ulster Co Robt
Address 45 Comeau Drive Woodstock NY 12498
Sample Location Pumphouse #1
Date Collected 5/7/2024 Time Collected 7:50 AM
Sample Collector LA
Date Printed 6/19/2024

Lab ID 11549 Date Analyzed 5/21/24

EPA 533 Perfluorinated and Polyfluorinated Alkyl Compounds

PARAMETER	CONCENTRATION ng/L	RL	MDL	PARAMETER	CONCENTRATION ng/L	RL	MDL	MCL
11CI-PF3OUdS	<1.86	1.86	0.930	PFBA	<1.86	1.86	0.930	
ADONA	<1.86	1.86	0.930	PFDA	<1.86	1.86	0.930	
4:2 FTS	<1.86	1.86	0.930	PFDoA	<1.86	1.86	0.930	
6:2 FTS	<1.86	1.86	0.930	PFHpS	<1.86	1.86	0.930	
8:2 FTS	<1.86	1.86	0.930	PFHpA	<1.86	1.86	0.930	
9CI-PF3ONS	<1.86	1.86	0.930	PFHxS	<1.86	1.86	0.930	
HFPO-DA	<1.86	1.86	0.930	PFHxA	<1.86	1.86	0.930	
NFDHA	<1.86	1.86	0.930	PFNA	<1.86	1.86	0.930	
PFEESA	<1.86	1.86	0.930	PFOS	<1.86	1.86	0.930	10 ng/L
PFMPA	<1.86	1.86	0.930	PFOA	<1.86	1.86	0.930	10 ng/L
PFMBA	<1.86	1.86	0.930	PFPeS	<1.86	1.86	0.930	
PFBS	<1.86	1.86	0.930	PFPeA	<1.86	1.86	0.930	
				PFUnA	<1.86	1.86	0.930	

PARAMETER	CONCENTRATION ug/L	MCL	RL	METHOD	Date Analyzed	Lab #
1,4-Dioxane	Not Tested	1 ug/L	0.100	EPA 522		
Surrogate Recovery %						
1,4-Dioxane-d8						

Legend: RL = Report Limit
MCL = Maximum Contamination Level
ND - Not Detected
MDL - Method Detection Limit
J - Result is less than the RL but greater than or equal to the MDL and concentration is an approximate value.

Page 2 only applicable if a blank sample was analyzed
MCL effective as of 8/26/2020, NYS Sanitary code section 5-1.52



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LABORATORY REPORT

Sample ID JH2403223
Federal Water Supply Code NY5503394 Supply Code 2302
Water Supply Town Woodstock Water Department DOH Ulster Co Robt
Address 45 Comeau Drive Woodstock NY 12498
Sample Location Pumphouse #2
Date Collected 5/7/2024 Time Collected 8:18 AM
Sample Collector LA
Date Printed 6/19/2024

Lab ID Date Analyzed
11549 5/21/24

EPA 533 Perfluorinated and Polyfluorinated Alkyl Compounds

PARAMETER	CONCENTRATION ng/L	RL	MDL	PARAMETER	CONCENTRATION ng/L	RL	MDL	MCL
11CI-PF3OUdS	<1.86	1.86	0.929	PFBA	<1.86	1.86	0.929	
ADONA	<1.86	1.86	0.929	PFDA	<1.86	1.86	0.929	
4:2 FTS	<1.86	1.86	0.929	PFDoA	<1.86	1.86	0.929	
6:2 FTS	<1.86	1.86	0.929	PFHpS	<1.86	1.86	0.929	
8:2 FTS	<1.86	1.86	0.929	PFHpA	<1.86	1.86	0.929	
9CI-PF3ONS	<1.86	1.86	0.929	PFHxS	<1.86	1.86	0.929	
HFPO-DA	<1.86	1.86	0.929	PFHxA	<1.86	1.86	0.929	
NFDHA	<1.86	1.86	0.929	PFNA	<1.86	1.86	0.929	
PFEESA	<1.86	1.86	0.929	PFOS	<1.86	1.86	0.929	10 ng/L
PFMPA	<1.86	1.86	0.929	PFOA	<1.86	1.86	0.929	10 ng/L
PFMBA	<1.86	1.86	0.929	PFPeS	<1.86	1.86	0.929	
PFBS	<1.86	1.86	0.929	PFPeA	<1.86	1.86	0.929	
				PFUnA	<1.86	1.86	0.929	

PARAMETER	CONCENTRATION ug/L	MCL	RL	METHOD	Date Analyzed	Lab #
1,4-Dioxane	Not Tested	1 ug/L	0.100	EPA 522		
Surrogate Recovery %						
1,4-Dioxane-d8						

Legend: RL = Report Limit
MCL = Maximum Contamination Level
ND - Not Detected
MDL - Method Detection Limit
J - Result is less than the RL but greater than or equal to the MDL and concentration is an approximate value.

Page 2 only applicable if a blank sample was analyzed
MCL effective as of 8/26/2020, NYS Sanitary code section 5-1.52



JH CONSULTING GROUP, INC

15 Lynnwood Drive
Loudonville, NY 12211
(518) 785-9839

PO Box 705
Newtonville, NY 12128
(Fax) 786-3116

Federal Water Supply Code 5503394

2302

Sample I.D.

JH 24-03222

Water Supply Town Of Woodstock Water Department

Sample Location **Chlorination TP001** Entry Point TP001

ANNUAL: Nitrate + SODIUM JULY

PFOA/S

THM HAA5

JULY each system

3R: Table 8B

3R 2024

3R 10 Lead & Copper

3R 2024 JUNE

Sample Point ☐ Kitchen cold water tap ☐ Hose Bib ☐ Well Head ☒ Faucet

SAMPLE INFORMATION

SAMPLE TYPE (☒) DRINKING WATER [☐] RAW [☐] TREATED

[☐] WASTEWATER

DATE COLLECTED 5/7/24

TIME COLLECTED 0750

SAMPLER LA

TEMPERATURE, °C 10.3

FREE CHLORINE, MG/L 1.0

The analytes below are subcontracted to approved New York State Laboratories for analysis

ANALYSES REQUIRED

1,4 Dioxane

PFOA / PFOS EPA 533

RECEIVED MAY 07 2024

Shipment

US Mail [☐] UPS [☐] Fed X [☐] Hand ☒

Date Received _____

ELRP _____



JH CONSULTING GROUP, INC

15 Lynnwood Drive
Loudonville, NY 12211
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PO Box 705
Newtonville, NY 12128
(Fax) 786-3116

JH24-03223

Federal Water Supply Code 5503394

2302

Sample I.D. _____

Water Supply Town Of Woodstock Water Department

Sample Location Chlorination ID: **TP002** Entry Point

ANNUAL: Nitrate + SODIUM JULY

PFOA/S

THM HAA5

3R: Table 8B

3R 10 Lead & Copper

3R 2024

3R 2024

JULY each system

JUNE

Sample Point ☐ Kitchen cold water tap ☐ Hose Bib ☐ Well Head ☒ Faucet

SAMPLE INFORMATION

SAMPLE TYPE (☒) DRINKING WATER [☐] RAW [☐] TREATED

[☐] WASTEWATER

DATE COLLECTED

5/7/24

TIME COLLECTED

0818

SAMPLER

LA

TEMPERATURE, °C

9.5

FREE CHLORINE, MG/L

1.0

The analytes below are subcontracted to approved New York State Laboratories for analysis

ANALYSES REQUIRED

1,4 Dioxane

PFOA / PFOS EPA 533

h

RECEIVED MAY 07 2024

Shipment

US Mail [☐] UPS [☐] Fed X [☐] Hand ☒

Date Received _____

ELRP _____



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J4E0577

Analytical Testing Parameters

Client Sample ID: JH24 03222 TP-01
Sample Matrix: Drinking Water
Lab Sample ID: J4E0577-01

Collected By: J.H- Client
Collection Date: 05/07/2024

Analyses Performed by: Microbac Laboratories Inc., - Marietta, OH

Per and Polyfluoroalkyl
Substances (PFAS) by LCMSMS
by Isotope Dilution

Method: EPA 533

	Result	MDL	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Perfluorooctanoic acid (PFOA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluorooctanesulfonic acid (PFOS)	2.39	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluorohexanoic acid (PFHxA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluoroheptanoic acid (PFHpA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluorononanoic acid (PFNA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluorodecanoic acid (PFDA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluoroundecanoic acid (PFUnA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluorododecanoic acid (PFDoA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluorobutanesulfonic acid (PFBS)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluorohexanesulfonic acid (PFHxS)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluorobutanoic acid (PFBA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluoroheptanesulfonic acid (PFHpS)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluoropentanoic acid (PFPeA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluoropentanesulfonic acid (PFPeS)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
8:2 Fluorotelomersulfonic acid (8:2FTS)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
9-ChlorodecaFI-3-oxanonane-sulf acid (9CI-PF3ONS)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
11-CleicosaFI-3-oxaundecane-sulf acid(11CI-PF3OUdS)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
6:2 Fluorotelomersulfonic acid (6:2FTS)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
4:2 Fluorotelomersulfonic acid (4:2FTS)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluoro-3-methoxypropanoic acid (PFMOPrA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Perfluoro-4-methoxybutanoic acid (PFMOBA)	<1.86	0.930	1.86	ng/L	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C-PFBA	89.6	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C-PFPeA	87.1	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C3-PFBS	111	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2209	EPL



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J4E0577

Client Sample ID: JH24 03222 TP-01

Sample Matrix: Drinking Water

Lab Sample ID: J4E0577-01

Collected By: J.H- Client

Collection Date: 05/07/2024

Per and Polyfluoroalkyl Substances (PFAS) by LCMSMS by Isotope Dilution	Result	MDL	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Surrogate: 13C2-4:2FTS	119	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C5-PFHxA	96.3	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C3-HFPO-DA	82.3	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C4-PFHpA	89.3	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C3-PFHxS	107	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C2-6:2FTS	104	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C-PFOA	72.2	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C-PFNA	65.4	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C-PFOS	104	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C2-8:2FTS	102	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C6-PFDA	75.3	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C7-PFUDa	82.4	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL
Surrogate: 13C2-PFDoA	84.3	Limit: 50-200		% Rec	1		05/21/24 0911	05/21/24 2209	EPL



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J4E0577

Client Sample ID: JH24 03223 TP-02

Sample Matrix: Drinking Water

Lab Sample ID: J4E0577-02

Collected By: J.H- Client

Collection Date: 05/07/2024

Analyses Performed by: Microbac Laboratories Inc., - Marietta, OH

Per and Polyfluoroalkyl Substances (PFAS) by LCMSMS by Isotope Dilution	Result	MDL	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Method: EPA 533									
Perfluorooctanoic acid (PFOA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluorooctanesulfonic acid (PFOS)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluorohexanoic acid (PFHxA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluoroheptanoic acid (PFHpA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluorononanoic acid (PFNA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluorodecanoic acid (PFDA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluoroundecanoic acid (PFUnA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluorododecanoic acid (PFDoA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluorobutanesulfonic acid (PFBS)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluorohexanesulfonic acid (PFHxS)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Hexafluoropropylene oxide dimer acid (HFPO-DA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluorobutanoic acid (PFBA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluoroheptanesulfonic acid (PFHpS)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluoropentanoic acid (PFPeA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluoropentanesulfonic acid (PFPeS)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
8:2 Fluorotelomersulfonic acid (8:2FTS)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
9-ChlorodecaFl-3-oxanonane-sulf acid (9Cl-PF3ONS)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
11-ChlorodecaFl-3-oxaundecane-sulf acid (11Cl-PF3OUdS)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
6:2 Fluorotelomersulfonic acid (6:2FTS)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
4:2 Fluorotelomersulfonic acid (4:2FTS)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Nonfluoro-3,6-dioxahexanoic acid (NFDHA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluoro-3-methoxypropanoic acid (PFMOPrA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Perfluoro-4-methoxybutanoic acid (PFMOBA)	<1.86	0.929	1.86	ng/L	1		05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C-PFBA	87.7	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C-PFPeA	87.4	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C3-PFBS	110	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C2-4:2FTS	127	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J4E0577

Client Sample ID: JH24 03223 TP-02

Sample Matrix: Drinking Water

Lab Sample ID: J4E0577-02

Collected By: J.H- Client

Collection Date: 05/07/2024

Per and Polyfluoroalkyl Substances (PFAS) by LCMSMS by Isotope Dilution	Result	MDL	RL	Units	DF	Note	Prepared	Analyzed	Analyst
Surrogate: 13C5-PFHxA	98.0	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C3-HFPO-DA	87.8	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C4-PFHpA	97.1	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C3-PFHxS	106	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C2-6:2FTS	106	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C-PFOA	86.1	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C-PFNA	81.9	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C-PFOS	104	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C2-8:2FTS	98.0	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C6-PFDA	83.7	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C7-PFUdA	88.6	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL
Surrogate: 13C2-PFDoA	89.6	Limit: 50-200	% Rec	1			05/21/24 0911	05/21/24 2222	EPL

Definitions

MDL:	Minimum Detection Limit
ng/L:	Nanograms per Liter
NYVOA:	New York DOH Part 5 Public Water System MCLs
RL:	Reporting Limit
ug/L:	Micrograms per Liter

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 7.9°C

Cooler Inspection Checklist

Ice Present or not required?	Yes	Shipping containers sealed or not required?	Yes
Custody seals intact or not required?	Yes	Chain of Custody (COC) Present?	Yes
COC includes customer information?	Yes	Relinquished and received signature on COC?	Yes
Sample collector identified on COC?	Yes	Sample type identified on COC?	Yes
Correct type of Containers Received	Yes	Correct number of containers listed on COC?	Yes
Containers Intact?	Yes	COC includes requested analyses?	Yes
Enough sample volume for indicated tests received?	Yes	Sample labels match COC (Name, Date & Time?)	Yes
Samples arrived within hold time?	Yes	Correct preservatives on COC or not required?	Yes
Chemical preservations checked or not required?	Yes	Preservation checks meet method requirements?	Yes
VOA vials have zero headspace, or not recd.?	Yes		

Project Requested Certification(s)

Microbac Laboratories Inc., - Marietta, OH
10861

NY State Department of Health

Microbac Laboratories, Inc., New York Division
NY Lab ID No.: 10795

New York State Department of Health

