Analytical Report

(DW)

WO#: **2611143**

Date Reported: **11/6/2026**

CLIENT: Grand Rapids Water Department **Lab Order:** 2611143

Project: Quarterly PFAS (WSSN MI0002790)

Lab ID: 2611143-01 **Matrix:** DRINKING WATER **Collection Date:** 11/3/2026 8:42:00 AM

Client ID: E. Tap (TP100) **Sampler:** Z. Elliott **Received Date:** 11/3/2026 11:40:00 AM

Location:

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
PFAS, DRINKING WATER				**EPA 537.1**	**EPA 537.1**	Analyst: **JS**
PFBS	< 2.0	2.0		ng/L	420	11/6/2026 12:26:00 PI
PFHxA	< 2.0	2.0		ng/L	400000	11/6/2026 12:26:00 PI
HFPO-DA	< 2.0	2.0		ng/L	370	11/6/2026 12:26:00 PI
PFHxS	< 2.0	2.0		ng/L	51	11/6/2026 12:26:00 PI
PFHpA	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
ADONA	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
PFOA	< 2.0	2.0		ng/L	8.0	11/6/2026 12:26:00 PI
PFOS	2.2	2.0		ng/L	16	11/6/2026 12:26:00 PI
PFNA	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
9Cl-PF3ONS	< 2.0	2.0		ng/L	6.0	11/6/2026 12:26:00 PI
PFDA	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
NMeFOSAA	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
NEtFOSAA	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
PFUnA	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
11Cl-PF3OUdS	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
PFDoA	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
PFTrDA	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
PFTA	< 2.0	2.0		ng/L		11/6/2026 12:26:00 PI
Surr: d5-N-EtFOSAA	70.5	70 - 130		%Rec		11/6/2026 12:26:00 PI
Surr: M3HFPO-DA	71.5	70 - 130		%Rec		11/6/2026 12:26:00 PI
Surr: MPFDA	87.4	70 - 130		%Rec		11/6/2026 12:26:00 PI
Surr: MPFHxA	73.7	70 - 130		%Rec		11/6/2026 12:26:00 PI

Qualifiers:

<	Not Detected at the Reporting Limit	H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level	PL	Permit Limit
RL	Reporting Limit		

3350 Evergreen Drive, NE Grand Rapids, MI 49525 t.616-364-7600 www.preinnewhof.com

Analytical Report

(DW)

WO#: **2611143**

Date Reported: **11/6/2026**

CLIENT: Grand Rapids Water Department **Lab Order:** 2611143

Project: Quarterly PFAS (WSSN MI0002790)

Lab ID: 2611143-02 **Matrix:** BLANK **Collection Date:** 11/3/2026 8:38:00 AM

Client ID: FRB **Sampler:** Z. Elliott **Received Date:** 11/3/2026 11:40:00 AM

Location:

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
PFAS, DRINKING WATER				**EPA 537.1**	**EPA 537.1**	Analyst: **JS**
PFBS	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
PFHxA	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
HFPO-DA	< 2.0	2.0		ng/L	10	11/6/2026 5:05:00 AM
PFHxS	< 2.0	2.0		ng/L	10	11/6/2026 5:05:00 AM
PFHpA	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
ADONA	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
PFOA	< 2.0	2.0		ng/L	4.0	11/6/2026 5:05:00 AM
PFOS	< 2.0	2.0		ng/L	4.0	11/6/2026 5:05:00 AM
PFNA	< 2.0	2.0		ng/L	10	11/6/2026 5:05:00 AM
9Cl-PF3ONS	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
PFDA	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
NMeFOSAA	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
NEtFOSAA	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
PFUnA	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
11Cl-PF3OUdS	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
PFDoA	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
PFTrDA	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
PFTA	< 2.0	2.0		ng/L		11/6/2026 5:05:00 AM
Surr: d5-N-EtFOSAA	75.1	70 - 130		%Rec		11/6/2026 5:05:00 AM
Surr: M3HFPO-DA	73.0	70 - 130		%Rec		11/6/2026 5:05:00 AM
Surr: MPFDA	84.8	70 - 130		%Rec		11/6/2026 5:05:00 AM
Surr: MPFHxA	73.6	70 - 130		%Rec		11/6/2026 5:05:00 AM

Qualifiers:

<	Not Detected at the Reporting Limit	H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level	PL	Permit Limit
RL	Reporting Limit		

Original

3350 Evergreen Drive, NE Grand Rapids, MI 49525 t.616-364-7600 www.preinnewhof.com

Prein&Newhof
Engineers▪Surveyors▪Environmental▪Laboratory

3350 Evergreen Drive NE
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t. 616-364-7600
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Client Name: City of Grand Rapids Drinking Water
Billing Address: 17350 Lake Michigan Dr, West Olive, MI

Phone Number: 616-456-3914
Email Report to: zelliott@grcity.us
Email Invoice to: zelliott@grcity.us
Project Name: Quarterly PFAS
Project Number:
Sampling Personnel: Z. Elliott

CHAIN OF CUSTODY

Wastewater	W
Drinking Water	D
Groundwater	G
Soil	S
Sludge	L
Other	X

LAB USE	Sample Information				Preservative						Analysis Requested
Lab Sample ID #	Date Collected	Time Collected	Sample Description and Location (e.g. MW-1)	MATRIX	None	H2SO4	HNO3	HCL	NaOH	Other	PFAS
11143.1	11/3/26	8:42 A	E. Tap (TP100)	D						✓	✓
-2	11/3/26	8:38A	FRB	X						✓	✓

Comments: Thank you!
WSSN: MI0002790

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Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Zachary Elliott	11/3/26	8:46 A			
Relinquished By: (Signature)	Date	Time	Received for Laboratory By: (Signature)	Date	Time
			CVP	11-3-26	11:40