

**EPA Region 6 – Emerging Contaminant and
PFAS National Primary Drinking Water Regulation Initial Monitoring
Sampling Summary Report**

Sampling completed under ERG contract with EPA Region 6

System Information:

Public Water System (PWS) Name:	Wyandotte Nation
PWSID:	062005883
Population Served:	1,886
Source Water Type:	Groundwater
Initial monitoring frequency required by the PFAS National Primary Drinking Water Regulation:	Biannual - Two samples within a 12-month period taken 5 to 7 months apart

Sampling Event 1

Date of sampling:	3/25/2026
Sampled location(s) and associated source(s):	One entry point: TP002 (associated with Well 2)
Analytical method(s):	EPA Method 537.1
Laboratory used:	Eurofins South Bend
Sampler:	Lucas Guinn, CU
Tribal Representatives Present:	Jesus Peulido

Report attachments:	Level II Laboratory Report for Sample Event 1_March 2026_Wyandotte Nation (PWSID 062005883).pdf
---------------------	---

SECTION 1. INTRODUCTION

Largely unregulated and emerging environmental contaminants, such as per- and polyfluoroalkyl substances (PFAS), pose challenges to Tribal water and wastewater systems. Tribal water systems also need to understand and comply with the new PFAS National Primary Drinking Water Regulation (NPDWR), which establishes legally enforceable levels, called Maximum Contaminant Levels (MCLs), for perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in drinking water. The MCL for both PFAS compounds is 4 parts per trillion (ppt).

The PFAS NPDWR requires that public water systems complete initial monitoring for these PFAS at each entry point, under normal/ representative operating conditions. The sampling under this project fulfills the initial monitoring requirements. EPA Region 6 will use the results of this sampling to determine the water system's ongoing compliance monitoring frequency, which will be either quarterly or triennial monitoring. To be eligible for a triennial monitoring schedule, a system must demonstrate that concentrations in all initial monitoring samples at each entry point sample location are below the rule trigger levels, which is 2 ppt for PFOA and PFOS. Any one initial monitoring result above or equal to the trigger level requires the system to conduct quarterly monitoring when compliance monitoring begins. The comparison to the trigger levels applies to each sample, not to average sample results.

SECTION 2. SAMPLING ACTIVITIES COMPLETED

Under contract with EPA Region 6, ERG or its subcontractor (RCAC, Communities Unlimited) have conducted sampling for emerging contaminants in your drinking water, specifically to fulfill the initial monitoring required by the PFAS NPDWR. While the PFAS NPDWR only covers PFOA and PFOS, the sampling results includes PFAS chemicals from the analytical method(s) used, as well as any additional emerging contaminants the Tribe was interested in.

Prior to the sample collection, your sampler explained that sampling additional compounds beyond the regulated PFAS could result in positive detections that might elicit public concern for contaminants without established MCLs. Additionally, based on the data obtained, there could be a potential cost of additional treatment to address positive detections of emerging contaminants, including more advanced operator training certification.

Table 1 contains a summary of the samples taken at your system. Each sample for PFAS includes a field blank taken at the sample location, which is only analyzed if there are detections in the drinking water sample at or above the method reporting limit. Photographs of the sample locations are compiled at the end of this report.

Table 1. Summary of Samples Taken

<i>Sample Event #</i>	<i>Sample Date/Time</i>	<i>Sample Identifier</i>	<i>Sample Location Description</i>	<i>EPA Facility ID</i>	<i>EPA Analytical Methods</i>	<i>Residual Chlorine (mg/L)</i>
1	03/25/26 13:12	TP002	Entry point – Outdoor tap	TP002	537.1	0.33

SECTION 3. SAMPLING RESULTS

The following subsections discuss the results of the sample analysis, organized by sample location (e.g., entry point, source water well). Results from each sampling event are presented together for each sample location. Level II laboratory reports are included as attachments to this report.

3.1 Entry Point TP002 (Associated with Well 2)

Sampling results for this entry point are compiled in Table 2.

For sample event #1: Because there were no detections in the sample, the field blank was not analyzed.

Table 2. Summary of Sample Results for Entry Point TP002

Analytical Method	Compound	CASRN	Event #1		Event #2	
			Result (ppt)	Flag	Result (ppt)	Flag
537.1	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	<0.61		TBD	TBD
537.1	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	<0.27		TBD	TBD
537.1	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	<0.47		TBD	TBD
537.1	Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	<0.59		TBD	TBD
537.1	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2991-50-6	<0.62		TBD	TBD
537.1	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	<0.59		TBD	TBD
537.1	Perfluorobutanesulfonic acid (PFBS)	375-73-5	<0.68		TBD	TBD
537.1	Perfluorodecanoic acid (PFDA)	335-76-2	<0.57		TBD	TBD
537.1	Perfluorododecanoic acid (PFDoA)	307-55-1	<0.60		TBD	TBD
537.1	Perfluoroheptanoic acid (PFHpA)	375-85-9	<0.50		TBD	TBD
537.1	Perfluorohexanoic acid (PFHxA)	307-24-4	<0.60		TBD	TBD
537.1	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	<0.42		TBD	TBD
537.1	Perfluorononanoic acid (PFNA)	375-95-1	<0.46		TBD	TBD
537.1	Perfluorotetradecanoic acid (PFTeDA)	376-06-7	<0.62		TBD	TBD
537.1	Perfluorotridecanoic acid (PFTrDA)	72629-94-8	<0.57		TBD	TBD
537.1	Perfluoroundecanoic acid (PFUnA)	2058-94-8	<0.60		TBD	TBD
537.1	Perfluorooctanoic acid (PFOA)	335-67-1	<0.48		TBD	TBD
537.1	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	<0.51		TBD	TBD

"<" means the results were less than the listed method detection limit, meaning the compound was not detected in the sample.

Flags are data qualifiers provided by the laboratory with the sampling results. J = Value is between the method detection limit and reporting limit and is considered approximate. TBD = Represents a future sampling event needed to fulfill initial monitoring requirements; results will be updated after such sampling occurs.

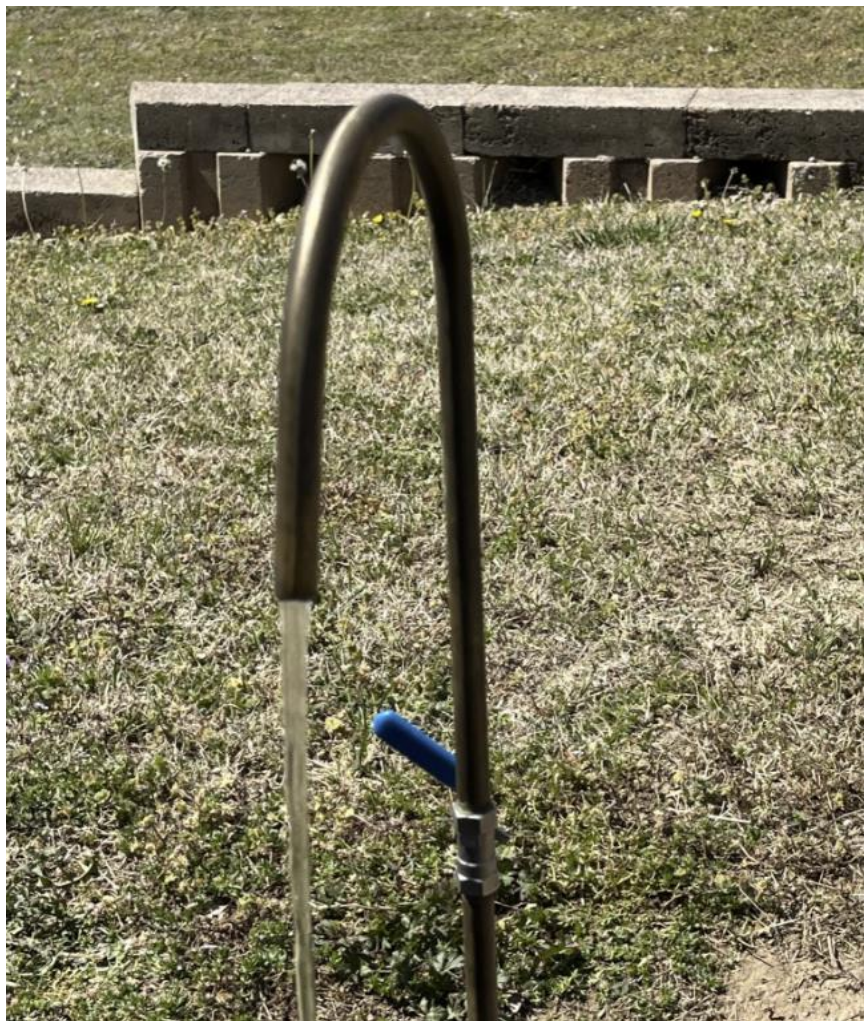
Key:

PFAS with MCLs
Gold = detection at or above the trigger level
Orange and Bold = detection at or above the MCL

SECTION 4. CONCLUSION

In accordance with the PFAS NPDWR, we will be taking samples of your entry points at a frequency of two samples within a 12-month period taken 5 to 7 months apart. Based on this, we need to take one more sample, and your next sample event will be 5 to 7 months from the date of this recent sampling event (3/25/2026). Your sampler will reach out to schedule this sampling event.

Photographs of Sample Locations



Photograph 1. Sampled location for entry point TP002, treated water from Well 2, during sampling event #1. There was no vacuum breaker, aerator, or other device connected to the tap when the sampler arrived.