State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

Notice: Use this form to request **a written response (on agency letterhead)** from the Department of Natural Resources (DNR) regarding technical assistance, a post-closure change to a site, a specialized agreement or liability clarification for Property with known or suspected environmental contamination. A fee will be required as is authorized by s. 292.55, Wis. Stats., and NR 749, Wis. Adm. Code., unless noted in the instructions below. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

Definitions

"Property" refers to the subject Property that is perceived to have been or has been impacted by the discharge of hazardous substances.

"Liability Clarification" refers to a written determination by the Department provided in response to a request made on this form. The response clarifies whether a person is or may become liable for the environmental contamination of a Property, as provided in s. 292.55, Wis. Stats.

"Technical Assistance" refers to the Department's assistance or comments on the planning and implementation of an environmental investigation or environmental cleanup on a Property in response to a request made on this form as provided in s. 292.55, Wis. Stats.

"Post-closure modification" refers to changes to Property boundaries and/or continuing obligations for Properties or sites that received closure letters for which continuing obligations have been applied or where contamination remains. Many, but not all, of these sites are included on the GIS Registry layer of RR Sites Map to provide public notice of residual contamination and continuing obligations.

Select the Correct Form

This from should be used to request the following from the DNR:

- Technical Assistance
- Liability Clarification
- Post-Closure Modifications
- Specialized Agreements (tax cancellation, negotiated agreements, etc.)

Do not use this form if one of the following applies:

- Request for an **off-site liability exemption or clarification** for Property that has been or is perceived to be contaminated by one or more hazardous substances that originated on another Property containing the source of the contamination. Use DNR's Off-Site Liability Exemption and Liability Clarification Application Form 4400-201.
- Submittal of an Environmental Assessment for the **Lender Liability Exemption**, s 292.21, Wis. Stats., **if no response or review by DNR is requested**. Use the Lender Liability Exemption Environmental Assessment Tracking Form 4400-196.
- Request for an **exemption to develop on a historic fill site** or licensed landfill. Use DNR's Form 4400-226 or 4400-226A.
- **Request for closure** for Property where the investigation and cleanup actions are completed. Use DNR's Case Closure - GIS Registry Form 4400-202.

All forms, publications and additional information are available on the internet at: dnr.wi.gov/topic/Brownfields/Pubs.html.

Instructions

1. Complete sections 1, 2, 6 and 7 for all requests. Be sure to provide adequate and complete information.
2. Select the type of assistance requested: Section 3 for technical assistance or post-closure modifications, Section 4 for a written determination or clarification of environmental liabilities; or Section 5 for a specialized agreement.
3. Include the fee payment that is listed in Section 3, 4, or 5, unless you are a "Voluntary Party" enrolled in the Voluntary Party Liability Exemption Program **and** the questions in Section 2 direct otherwise. Information on to whom and where to send the fee is found in Section 8 of this form.
4. Send the completed request, supporting materials and the fee to the appropriate DNR regional office where the Property is located. See the map on the last page of this form. A paper copy of the signed form and all reports and supporting materials shall be sent with an electronic copy of the form and supporting materials on a compact disk. For electronic document submittal requirements see: http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf"

The time required for DNR's determination varies depending on the complexity of the site, and the clarity and completeness of the request and supporting documentation.

Section 1. Contact and Recipient Information

Requester Information

This is the person requesting technical assistance or a post-closure modification review, that his or her liability be clarified or a specialized agreement and is identified as the requester in Section 7. DNR will address its response letter to this person.

Last Name	First	MI	Organization/ Business Name		
Nelson	Denice		Tyco Fire Products LP		
Mailing Address			City	State	ZIP Code
2700 Industrial Parkway South			Marinette	WI	54143
Phone # (include area code)	Fax # (include area code)		Email		

The requester listed above: (select all that apply)

- [x] Is currently the owner
- [ ] Is considering selling the Property
- [ ] Is renting or leasing the Property
- [ ] Is considering acquiring the Property
- [ ] Is a lender with a mortgagee interest in the Property
- [ ] Other. Explain the status of the Property with respect to the applicant:

Contact Information (to be contacted with questions about this request)

☐ Select if same as requester

Contact Last Name	First	MI	Organization/ Business Name		
Johnson	Shauna		Arcadis		
Mailing Address			City	State	ZIP Code
225 West Wacker Drive, Suite 2015			Chicago	IL	60606
Phone # (include area code)	Fax # (include area code)		Email		
(312) 575-3732			shauna.johnson@arcadis.com		

Environmental Consultant (if applicable)

Contact Last Name	First	MI	Organization/ Business Name		
Johnson	Shauna		Arcadis		
Mailing Address			City	State	ZIP Code
225 West Wacker Drive, Suite 2015			Chicago	IL	60606
Phone # (include area code)	Fax # (include area code)		Email		
(312) 575-3732			shauna.johnson@arcadis.com		

Section 2. Property Information

Property Name			FID No. (if known)		
Tyco Fire Technology Center - PFCs			438005590		
BRRTS No. (if known)			Parcel Identification Number		
0238580694					
Street Address			City	State	ZIP Code
2700 Industrial Parkway South			Marinette	WI	54143
County	Municipality where the Property is located		Property is composed of:		Property Size Acres
Marinette	◉ City ◯ Town ◯ Village of Marinette		◯ Single tax parcel ◉ Multiple tax parcels		380

1. Is a response needed by a specific date? (e.g., Property closing date) Note: Most requests are completed within 60 days. Please plan accordingly.

◉ No ○ Yes

Date requested by: _____

Reason:

_____

2. Is the "Requester" enrolled as a Voluntary Party in the Voluntary Party Liability Exemption (VPLE) program?

◉ No. **Include the fee that is required for your request in Section 3, 4 or 5.**

○ Yes. **Do not include a separate fee.** This request will be billed separately through the VPLE Program.

Fill out the information in Section 3, 4 or 5 which corresponds with the type of request:
Section 3. Technical Assistance or Post-Closure Modifications;
Section 4. Liability Clarification; or Section 5. Specialized Agreement.

Section 3. Request for Technical Assistance or Post-Closure Modification

Select the type of technical assistance requested: [**Numbers in brackets are for WI DNR Use]**

☐ No Further Action Letter (NFA) (Immediate Actions) - NR 708.09, [183] - **Include a fee of $350.** Use for a written response to an immediate action after a discharge of a hazardous substance occurs. Generally, these are for a one-time spill event.

☐ Review of Site Investigation Work Plan - NR 716.09, [135] - **Include a fee of $700.**

☐ Review of Site Investigation Report - NR 716.15, [137] - **Include a fee of $1050.**

☐ Approval of a Site-Specific Soil Cleanup Standard - NR 720.10 or 12, [67] - **Include a fee of $1050.**

☐ Review of a Remedial Action Options Report - NR 722.13, [143] - **Include a fee of $1050.**

☐ Review of a Remedial Action Design Report - NR 724.09, [148] - **Include a fee of $1050.**

☐ Review of a Remedial Action Documentation Report - NR 724.15, [152] - **Include a fee of $350**

☒ Review of a Long-term Monitoring Plan - NR 724.17, [25] - **Include a fee of $425.**

☐ Review of an Operation and Maintenance Plan - NR 724.13, [192] - **Include a fee of $425.**

Other Technical Assistance - s. 292.55, Wis. Stats. [97] (For request to build on an abandoned landfill use Form 4400-226)

☐ Schedule a Technical Assistance Meeting - **Include a fee of $700.**

☐ Hazardous Waste Determination - **Include a fee of $700.**

☐ Other Technical Assistance - **Include a fee of $700.** Explain your request in an attachment.

Post-Closure Modifications - NR 727, [181]

☐ Post-Closure Modifications: Modification to Property boundaries and/or continuing obligations of a closed site or Property; sites may be on the GIS Registry. This also includes removal of a site or Property from the GIS Registry. **Include a fee of $1050, and:**

☐ Include a fee of $300 for sites with residual soil contamination; and

☐ Include a fee of $350 for sites with residual groundwater contamination, monitoring wells or for vapor intrusion continuing obligations.

Attach a description of the changes you are proposing, and documentation as to why the changes are needed (if the change to a Property, site or continuing obligation will result in revised maps, maintenance plans or photographs, those documents may be submitted later in the approval process, on a case-by-case basis).

Skip Sections 4 and 5 if the technical assistance you are requesting is listed above and complete Sections 6 and 7 of this fo

Section 6. Other Information Submitted

Identify all materials that are included with this request.

Send both a paper copy of the signed form and all reports and supporting materials, and an electronic copy of the form and all reports, including Environmental Site Assessment Reports, and supporting materials on a compact disk.

Include one copy of any document from any state agency files that you want the Department to review as part of this request. The person submitting this request is responsible for contacting other state agencies to obtain appropriate reports or information.

☐ Phase I Environmental Site Assessment Report - Date: _____

☐ Phase II Environmental Site Assessment Report - Date: _____

- ☐ Legal Description of Property (required for all liability requests and specialized agreements)
- ☒ Map of the Property (required for all liability requests and specialized agreements)

Analytical results of the following sampled media: Select all that apply and include date of collection.

☐ Groundwater ☐ Soil ☐ Sediment ☒ Other medium - Describe: Potable Water

Date of Collection: _____

- ☐ A copy of the closure letter and submittal materials
- ☐ Draft tax cancellation agreement
- ☐ Draft agreement for assignment of tax foreclosure judgment
- ☒ Other report(s) or information - Describe: Potable Well Sampling Program Annual Summary Report - FTC

For Property with newly identified discharges of hazardous substances only: Has a notification of a discharge of a hazardous substance been sent to the DNR as required by s. NR 706.05(1)(b), Wis. Adm. Code?

◯ Yes - Date (if known): _____

◯ No

Note: The Notification for Hazardous Substance Discharge (non-emergency) form is available at: dnr.wi.gov/files/PDF/forms/4400/4400-225.pdf.

Section 7. Certification by the Person who completed this form

- ☐ I am the person submitting this request (requester)
- ☒ I prepared this request for: Denice Nelson
  Requester Name

I certify that I am familiar with the information submitted on this request, and that the information on and included with this request is true, accurate and complete to the best of my knowledge. I also certify I have the legal authority and the applicant's permission to make this request.

Signature: Lisa M Puttkowski

Date Signed: 7/31/2024

Title: Senior Environmental Specialist

Telephone Number (include area code): (414) 276-7742

Section 8. DNR Contacts and Addresses for Request Submittals

Send or deliver one paper copy and one electronic copy on a compact disk of the completed request, supporting materials, and fee to the region where the property is located to the address below. Contact a DNR regional brownfields specialist with any questions about this form or a specific situation involving a contaminated property. For electronic document submittal requirements see: http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf.

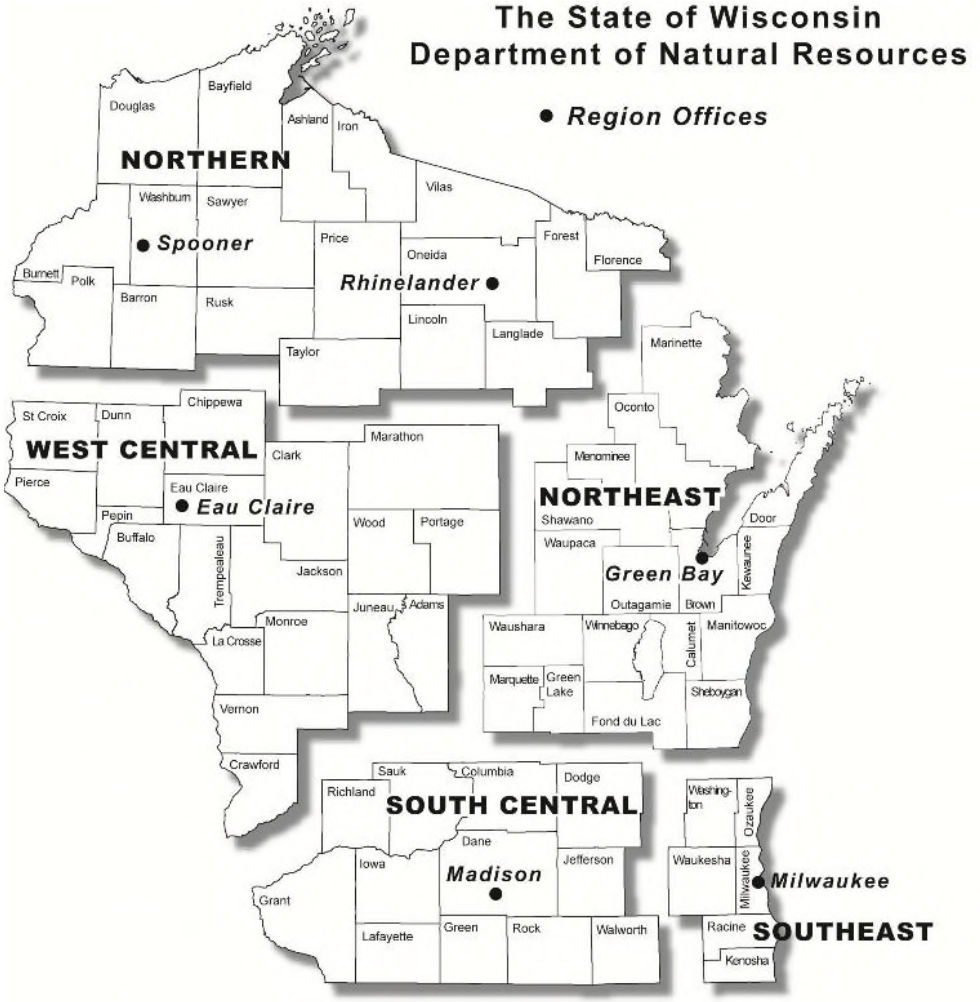
DNR NORTHERN REGION
Attn: RR Program Assistant
Department of Natural Resources
223 E Steinfest Rd Antigo, WI 54409

DNR NORTHEAST REGION
Attn: RR Program Assistant
Department of Natural Resources
2984 Shawano Avenue
Green Bay WI 54313

DNR SOUTH CENTRAL REGION
Attn: RR Program Assistant
Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg WI 53711

DNR SOUTHEAST REGION
Attn: RR Program Assistant
Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee WI 53212

DNR WEST CENTRAL REGION
Attn: RR Program Assistant
Department of Natural Resources
1300 Clairemont Ave.
Eau Claire WI 54702



Note: These are the Remediation and Redevelopment Program's designated regions. Other DNR program regional boundaries may be different.

DNR Use Only			
Date Received	Date Assigned	BRRTS Activity Code	BRRTS No. (if used)
DNR Reviewer	Comments		
Fee Enclosed? ◯ Yes ◯ No	Fee Amount $	Date Additional Information Requested	Date Requested for DNR Response Letter
Date Approved	Final Determination		

Tyco Fire Products LP

Potable Well Sampling Program Annual Summary Report - FTC Sampling Area

For the Period April 1, 2023 through March 31, 2024

Tyco Fire Technology Center, 2700 Industrial Parkway South, Marinette, Wisconsin 54143

BRRTS# 02-38-580694

July 31, 2024

Potable Well Sampling Program Annual Summary Report - FTC Sampling Area

Tyco Fire Technology Center, 2700 Industrial Parkway South, Marinette, Wisconsin 54143

July 31, 2024

Prepared by:

Arcadis U.S., Inc.
126 North Jefferson Street
Suite 400
Milwaukee
Wisconsin 53202
Tel 414 276 7742
Fax 414 276 7603

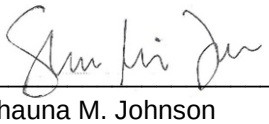
Prepared for:

Tyco Fire Products LP
2700 Industrial Parkway South
Marinette
Wisconsin 54143

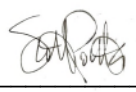
Our Ref:

30203152

Lisa M. Rutkowski
Senior Environmental Scientist



Shauna M. Johnson
Certified Project Manager



Scott T. Potter, PhD
Chief Hydrogeologist

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Acronyms And Abbreviations

Arcadis	Arcadis U.S., Inc.
BRRTS	Bureau of Remediation and Redevelopment Tracking System
Call Line	Tyco Environmental Assessment Call Line
COC	chain-of-custody
FOSA	perfluorooctane sulfonamide
FTC	Fire Technology Center
GAC	granular activated carbon
ID	identification
MS/MSD	matrix spike/matrix spike duplicate
NR	Natural Resources
PFAS	per- and poly-fluorinated alkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctanesulfonic acid
POET	point-of-entry treatment
PTFE	polytetrafluoroethylene
PWSA	potable well sampling area
RL	reporting limit
Site	Tyco Fire Technology Center located at 2700 Industrial Parkway South, Marinette, Wisconsin
Tyco	Tyco Fire Products LP
USEPA	United States Environmental Protection Agency
WDNR	Wisconsin Department of Natural Resources

Executive Summary

Arcadis, U.S., Inc. (Arcadis) is submitting this report on behalf of Tyco Fire Products LP (Tyco) to summarize the quarterly monitoring activities conducted and data received under the Potable Well Sampling and Point of Entry Treatment (POET) Programs from April 1, 2023 through March 31, 2024, for the potable well sampling area (PWSA) adjacent to the Tyco Fire Technology Center (FTC) in Marinette, Wisconsin (the Site). Sampling results associated with the deep private drinking water replacement wells were most recently provided May 31, 2024 (Arcadis 2024e) and are updated quarterly in a separate report.

During this reporting period, Arcadis sampled potable wells in the PWSA following the timelines and procedures as set forth in the *Revised Long-Term Potable Well Sampling Plan* (Arcadis 2024c):

- April – June 2023 (6 wells)
- July – September 2023 (17 wells)
- October – December 2023 (3 wells)
- January – March 2024 (5 wells).

The results from the sampling are consistent with previous monitoring activities.

Beginning in 2017 and continuing to date, Tyco has proactively arranged for bottled water to be made available at no cost to residents with potable wells whose properties are included in the PWSA. Under this program, Tyco provides bottled water to some residents whose wells continue to test “non-detect” for per- and poly-fluorinated alkyl substances. Starting in 2018, Tyco arranged for point of entry treatment (POET) systems to be installed and maintained at no cost to residents with confirmed per- and poly-fluorinated alkyl substances concentrations above the laboratory reporting limits. In total, POET systems were installed at 47 property locations. Per the current *Revised Potable Well Sampling Plan* (Arcadis 2024c), in the event of a confirmed detection of PFAS above WDHS current recommended groundwater standards at parcels located within the PWSA but outside the City of Marinette, a deep well will be re-offered. If the installation of a deep well is not feasible or if the schedule for installing a deep well is greater than one year, a POET may be temporarily installed. For potable wells located inside the City of Marinette, the owners are required to connect to municipal water so no POET system will be offered.

Tyco is currently in the process of providing a long-term drinking water solution by replacing existing private drinking water wells with new deep private drinking water wells in bedrock (Replacement Wells). As Replacement Wells are installed and testing has been completed to verify water is safe to drink, wells are removed from this Potable Well Sampling Program and the POET systems are no longer necessary. The parcel owners have the option to continue to own and maintain the POET systems, or Tyco will remove the POET system at Tyco’s expense. A total of 18 POET systems were removed as of July 15, 2024; 17 were removed following installation of Replacement Wells, and one POET system had previously been removed at the request of the owner. To date, no owners have requested to keep their POET system after receiving a replacement well.

Tyco will continue to monitor the potable wells and POET systems within the PWSA as presented in the April 1, 2024 *Revised Long-Term Potable Well Sampling Plan* (Arcadis). An updated *Revised Long-Term Potable Well Sampling Plan* will be submitted by October 1, 2024 for the current potable well sampling and POET system sampling and maintenance programs. Quarterly updates will be submitted to the WDNR separately to discuss the Replacement Well program. Residents within the PWSA will continue to receive bottled water service and/or free

POET system maintenance for properties with a POET system installed until the Replacement Wells are installed for that parcel [1] (Arcadis 2022c).

Groundwater monitoring and associated trend analyses for this area will be performed using the Natural Resources (NR)141-compliant monitoring wells that are either installed or are currently being installed in the PWSA, as discussed in the 2023 Site Investigation Status Report (SISR) (Arcadis 2023b) and to address the Wisconsin Department of Natural Resources (WDNR) comments to the SISR (Arcadis 2023d). A long-term groundwater well monitoring plan has been submitted and approved by the WDNR (Arcadis 2024a, WDNR 2024b).

1 Introduction

On behalf of Tyco Fire Products LP (Tyco), Arcadis U.S., Inc. (Arcadis) prepared this *Potable Well Sampling Program Annual Summary Report – FTC Sampling Area* (report) for the Tyco Fire Technology Center (FTC) located at 2700 Industrial Parkway South in Marinette, Wisconsin (the Site) (Figure 1). This report describes the potable well sampling program including the monitoring activities conducted and data received from April 1, 2023 through March 31, 2024. The report was prepared as requested by Wisconsin Department of Natural Resources (WDNR) and in compliance with a letter dated September 8, 2023, *Response to Potable Well Sampling Program Annual Summary Report.* The Site description and history are published in the April 2023 Site Investigation Status Report (Arcadis 2023b).

2 Potable Well Sampling Program

Tyco initiated the potable well sampling program in December 2017 (WDNR Bureau of Remediation and Redevelopment Tracking System [BRRTS] #02-38-580694). The objective of the sampling program has been to determine whether potable wells in the sampling area contain detectable levels of per- and poly-fluorinated alkyl substances (PFAS). The potable well sampling program continues to monitor for PFAS in private drinking water wells within the potable well sampling area (PWSA) (Figure 2) that have not been replaced with a private deep well. The PWSA is within the Town of Peshtigo and City of Marinette, Wisconsin, and is bounded roughly to the north by University Drive, to the west by County Road B, to the south by Rader Road, and to the east by Green Bay.

2.1 PWSA Boundary Delineation

The PWSA was initially defined in 2018 and adjusted in early 2019 using the available data collected from desktop studies of local geology and, analytical data from field investigations (Arcadis 2018b). Subsequent site investigation reports (Arcadis 2020d, 2023b), the *Conceptual Site Model* (Arcadis 2020f) and *Southern Area Groundwater Evaluation Report* (Arcadis 2020b) performed after the PWSA was established have continued to support that the PFAS plume associated with the FTC is within the PWSA boundary.

2.2 PWSA Program Development

Working in conjunction with WDNR, Tyco assessed available sampling data and expanded the PWSA as data indicated was necessary. Initially, 68 potable wells were included in the PWSA, followed by the addition of 103 potable wells by the winter 2019 sampling event. A total of 173 different potable wells have been sampled through March 31, 2024.

All the residences with potable wells in the PWSA have access to safe drinking water. In conjunction with the sampling program, Tyco proactively arranged for bottled water to be made available at no cost to residents with potable wells whose properties were included in the PWSA. Under this program, Tyco provides bottled water to some residents whose wells continue to test “non-detect” for per- and poly-fluorinated alkyl substances. The distribution of bottled water is managed in accordance with the *Revised Comprehensive Alternative Water Management Plan* submitted to WDNR in April 2024 (Arcadis 2024d). In 2018, Tyco started installing whole

house point of entry treatment (POET) systems at no cost to residents with confirmed PFAS concentrations above the laboratory reporting limits. To date, POET systems were installed at 47 property locations.

Additionally, Tyco is advancing long-term drinking water solutions by offering and installing private, deep bedrock replacement drinking water wells to all property owners in the PWSA. A citizen-led effort to annex a portion of the PWSA to the City of Marinette was not successful.

Potable wells and POET systems within the PWSA will continue to be monitored as presented in the *Revised Long-Term Potable Well Sampling Plan* (Arcadis 2024c). Residents within the PWSA will continue to be offered bottled water service or POET system maintenance for properties with a POET system until the private replacement deep bedrock drinking water wells (Replacement Wells) are installed for those parcels (Arcadis 2022c). In accordance with the *Revised Long-Term Potable Well Sampling Plan* (Arcadis 2024c), in the event of a confirmed detection of PFAS above WDHS current recommended groundwater standards at parcels located within the PWSA but outside the City of Marinette, a deep well will be re-offered. If the installation of a deep well is not feasible or if the schedule for installing a deep well is greater than one year, a POET may be temporarily installed. For potable wells located inside the City of Marinette, the owners are required to connect to municipal water so no POET system will be offered.

2.3 Quarterly Potable Well Sampling

The potable well sampling program was initiated in December of 2017. Eligible wells within the PWSA were scheduled to be sampled quarterly provided property owners and/or tenants permitted access. The exception was the spring and summer of 2020 when sampling events were suspended due to the COVID-19 pandemic, after executive order by the Governor of Wisconsin enacted social distancing guidelines. Following the suspension of sampling activities, an updated *Revised Potable Well Sampling Plan* (Arcadis 2020c) was submitted and subsequently approved to change the frequency of sampling based on sampling results. Groundwater monitoring and associated trend analyses for this area will be performed using the Natural Resources (NR)141-compliant monitoring wells that are either installed or currently being installed in the PWSA as part of the Long-Term Groundwater Monitoring Well Program.

Tyco continued to mail postcards to property owners and tenants within the PWSA who are eligible for seasonal sampling based on the current *Revised Long-Term Potable Well Sampling Plan* (Arcadis 2024c). Those postcards requested access to sample potable wells during the seasonal event and provided a toll-free phone number (the Tyco Environmental Assessment Call Line [Call Line]) where the resident could speak with a project representative to schedule their sampling appointment. The number of wells sampled during each quarterly event from April 1, 2023 through March 31, 2024 are set forth in Exhibit 1. As previously stated, all properties within the PWSA, including those that are abandoned or non-responsive, were offered a new deep well and have access to free bottled water service.

Exhibit 1. Number of Potable Wells Sampled Between April 2023 and March 2024

	Spring 2023 (April-June)	Summer 2023 (July-September)	Fall 2023 (October-December)	Winter 2024 (January-March)
Number of Potable Wells Sampled	6	17	3	5

Sampling results were provided to property owners and tenants in letters mailed within 10 business days of Arcadis receiving results from the laboratory. Copies of these letters were also provided to WDNR and the data was included in bi-weekly database submissions.

2.4 POET Monitoring

Tyco started installing whole house POET systems in 2018 at no cost to residents with confirmed PFAS concentrations above the laboratory reporting limits. In total, POET systems were installed at 47 property locations.

Tyco is currently in the process of providing a long-term drinking water solution through Replacement Wells. Refer to Arcadis' *Deep Aquifer Bedrock Well Design and Long Term Monitoring Work Plan* and *PWSA Drinking Water Update* for further Replacement Well program details (Arcadis 2022c,d; 2024e). Quarterly updates are being submitted to the WDNR separately to discuss the Replacement Well program. As Replacement Wells are installed, and after testing has been conducted to verify the water is safe to drink, the POET systems are no longer necessary. The parcel owners have the option to continue to own and maintain the POET systems, or Tyco will remove the POET system at Tyco's expense. A total of 18 POET systems have been removed as of July 15, 2024; 17 were removed following installation of the Replacement Wells, and one POET system had previously been removed at the request of the owner. The well that is associated with this POET system is not a drinking water well. Potable wells that have POET systems installed are identified on Figures 3, 4 and 5, relative to well type and depth.

Influent and treated water for each well with a POET system were sampled for PFAS based on prior data from that particular system to determine POET system efficiency. Routine maintenance is conducted on each system. Sediment filters are typically replaced every 3 months, ultraviolet lamps and quartz sleeves are replaced once every year, and granular activated carbon (GAC) tanks are replaced before breakthrough is observed, which varies based on water usage and concentrations of PFAS for each well. Once the effectiveness of a POET system is established through regular sampling for at least 12 months, maintenance reverts to an approved GAC changeout schedule. The POET systems with varying or increasing influent concentrations are sampled quarterly to ensure clean water is being provided and the GAC changeout schedule is adjusted based on sampling results. The sampling and maintenance status of each POET system is outlined in Table 2. POET system sampling or maintenance status is reviewed and changed based on available data.

Beginning in September 2020, in accordance with requests from WDNR, all POET samples are analyzed for 36 PFAS compounds using Modified Method 537. Initially when the potable well sampling program began in 2017, only six PFAS compounds were available for testing using EPA Method 537.1. Tyco moved to a Modified Method 537 in July 2018 to sample for 14 PFAS compounds.

Sampling results are provided to property owners and tenants in letters mailed within 10 business days of Arcadis receiving results from the laboratory. Copies of these letters are also provided to WDNR. The WDNR also receives an electronic copy of the potable well sample results with the routine bi-weekly database submissions of all site related data.

2.5 Long-Term Groundwater Well Monitoring Plan

Tyco has installed and continues to install additional NR141-compliant wells to complete the monitoring well network, as discussed in the 2023 Site Investigation Status Report and Additional Site Investigation Work Plan (Arcadis 2023b,d) and to address the WDNR comments to the SISR. A long-term groundwater well monitoring plan has been submitted and approved by the WDNR (Arcadis 2024a, WDNR 2024b). Data related to the long-term groundwater sampling events will be provided to the WDNR on a semi-annual basis.

3 Sampling Procedures

The detection of PFAS compounds, including at low concentrations, can be influenced by common PFAS-containing materials that may be present at the sampling site. Therefore, the following sampling protocols were strictly followed by sampling personnel.

3.1 Methods

Sample collection methods were designed to avoid cross-contamination from PFAS-containing materials, which was of utmost importance given the very low detection limits for PFOA and PFOS analyses that were conducted. As such, materials with any potential to contain PFAS were not used during the sampling, including, for example, polytetrafluoroethylene (PTFE) pipe tape, pipe thread pastes that contain PTFE, PTFE sample tubing, food wrappers, water resistant/proof clothing, and waterproof field books. Additionally, where possible, the sampling team avoided collecting samples from potable water outfalls and taps fitted with Teflon® tape or other PFAS-containing materials; however, stainless steel and polyvinyl chloride materials were considered acceptable.

For quality control purposes, field blanks, field duplicate samples, and matrix spike/matrix spike duplicate (MS/MSD) samples were collected for approximately every sample delivery group, every 10 samples, and every 20 samples, respectively. For smaller sample delivery groups, one field blank, one field duplicate, and one MS/MSD was collected per group. The samples were collected, stored, and handled as described in the *Quality Assurance Project Plan* submitted to the WDNR on June 15, 2022 and revised on May 1, 2023 and March 29, 2024 (Arcadis 2022c, 2023c, 2024d).

The following sample identification (ID) nomenclature was used to assign unique identifiers:

- Potable Wells:
  - WS-XXX, where WS = water sample and XXX = the number assigned to the well.
- Potable Wells with POET Systems:
  - WS-XXX, where WS = water sample and XXX = the number assigned to the well.

- POET-YY-MID, where POET = point of entry treatment system sample, YY = the number assigned to the POET system not equivalent to the well number, and MID = midpoint of POET system sampling location.
- POET-YY-POST, where POET = point of entry treatment system sample, YY = the number assigned to the POET system not equivalent to the well number, and POST = post-POET system sampling location.

Samples were collected in 250 milliliter high-density polyethylene bottles provided by the laboratory. The bottles were labeled with the sample ID and the date/time collected immediately after sealing the bottles, and then the bottles were placed and sealed in a Ziploc® or similar bag. This information was also recorded on the chain-of-custody (COC) form provided by the laboratory, in a Potable Water Supply Sample Log, and in the sampling team's field notes. A signed copy of the COC form was provided to the laboratory whenever a sample cooler was delivered to the laboratory. A copy of each COC form was kept with the field notes and sample logs.

The COC form was marked for analysis with a standard turnaround time (approximately 3 weeks). Samples were placed in coolers, with enough ice to keep the sample temperature between 0 and 4ºC until delivered to the laboratory. Only "wet" ice was used, with no use of "blue ice" or similar cold storage packets. PFAS sample coolers were shipped via FedEx Priority Overnight delivery to:

Sample Receiving
Eurofins Sacramento
880 Riverside Parkway
West Sacramento, California 95605-1500

Samples collected starting September 2020 were analyzed for 36 PFAS compounds using Modified Method 537.

4 Quality Assurance/Quality Control

Quality assurance and quality control processes were performed in accordance with the *Quality Assurance Project Plan* (Arcadis 2024d). After receipt of sampling analysis results from the laboratory, Arcadis conducted a preliminary data quality review (Level 2 data validation). The sample results were communicated to property owners and tenants after completion of the preliminary data quality review. After completion of the preliminary data quality review, Arcadis conducted a more comprehensive, Level 4 data validation. The timeframe for completion of Level 4 validation was approximately four weeks after receipt of the complete Level 4 data package from the laboratory; however, the length of time varied based on the amount of time required for the laboratory to send additional quality assurance and quality control information to Arcadis and the number of samples under review. Any changes to the reported sampling results after completion of the Level 4 validation, were provided to the property owners and tenants and to WDNR.

Data were reviewed in accordance with United States Environmental Protection Agency (USEPA) National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-2017-002, January 2017 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999, as appropriate).

Results were qualified as follows in accordance with the National Functional Guidelines:

- D = Dilution required for sample analysis.
- J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

- J+ = The result is an estimated quantity. The associated numerical value is expected to have a positive or high bias.
- J- = The result is an estimated quantity. The associated numerical value is expected to have a negative or low bias.
- JN = The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative ID. The associated numerical value is an estimated concentration only.
- R = The results are rejected.
- U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
- UB = Compound considered non-detect at the listed value due to associated blank contamination.

5 Potable Well Results

This section summarizes the potable well and POET system influent and effluent results. The results from the most recent sampling events, April 1, 2023 through March 31, 2024, are included in Table 4.

Exhibit 2. Potable Wells Sampled During Reporting Period

Potable Well Program	POET Programs	
	Monitoring	**Maintenance**
WS-001, WS-014, WS-016, WS-021, WS-029, WS-039, WS-044, WS-046, WS-048, WS-049, WS-051, WS-057, WS-063, WS-064, WS-066, WS-084, WS-085, WS-087, WS-100, WS-102, WS-107, WS-108, WS-118A, WS-118B, WS-140, WS-143, WS-145, WS-151, WS-153, WS-154, WS-156	WS-041, POET-46; WS-042, POET-45; WS-062, POET-44; WS-068, POET-12; WS-096, POET-6; WS-106R, POET-37; WS-146AR, POET-8	WS-007A, POET-43; WS-008, POET-7; WS-013, POET-10; WS-017, POET-40; WS-025, POET-28; WS-038, POET-19; WS-052, POET-2; WS-060, POET-47; WS-067, POET-39; WS-092, POET-22; WS-097, POET-13; WS-099, POET-15; WS-100, POET-24; WS-111, POET-18; WS-115, POET-20; WS-121A, POET-16; WS-129, POET-38

In December 2021, at the request of WDNR, Tyco stopped influent sampling of POET systems enrolled in a maintenance program and instead began sampling system effluent to document maintenance program effectiveness. Historical comparisons are not available for all 36 PFAS due to updates to sampling methodologies described in Section 2.4.

5.1 Evaluation of Potable Well Data

A total of 173 different potable wells within the PWSA were sampled during quarterly sampling events from December 2017 to March 31, 2024. Five of these wells were determined to not be potable wells and sampling was discontinued. One well was reported by the property owner to be abandoned and two additional wells are associated with the former Bay Area Medical Center and have been abandoned; therefore, sampling was

discontinued, resulting in a total of 165 potable wells currently eligible for sampling. As previously stated, every inhabitable structure within the PWSA has access to free, safe drinking water via bottled water service and/or POET system. Where POET systems are in place, only system influent results are evaluated for the purposes of this report. Samples collected from the effluent of POETs are all below Table 3 values.

A long-term groundwater well monitoring plan has been submitted and approved by the WDNR (Arcadis 2024a, WDNR 2024b). The historical data since December 2017 indicates the majority of wells with detections above the reporting limit (RL) are shallow wells, mostly sand points less than 37 feet deep based on available well construction forms or homeowner-provided information. Low concentrations of perfluorooctane sulfonamide (FOSA) were detected above the RL in wells of varying depth. As noted above, well depth information is not available for all wells sampled. Shallow wells are depicted on Figure 3, deep wells are depicted on Figure 4 and wells of unknown depth are depicted on Figure 5.

All the residences with potable wells have access to safe drinking water via POET systems, a replacement well, and/or bottled water.

6 Conclusions and Recommendations

The results reported here are consistent with previous monitoring activities.

Tyco will continue to provide short-term drinking water solutions such as bottled water service and POET systems in accordance with the *Revised Comprehensive Alternative Water Management Plan* (Arcadis 2024d). In the interim period, Tyco recommends continuing the potable well sampling program and POET monitoring program as outlined in the *Revised Long-Term Potable Well Sampling Plan* (Arcadis 2024c) until the private replacement deep bedrock drinking water wells (Replacement Wells) are installed for those parcels (Arcadis 2022c). An updated version of the Revised Long-Term Potable Well Sampling Plan will be submitted to the WDNR by October 1, 2024. Tyco has eliminated the primary potential exposure pathway for PFAS and will continue to perform the ongoing sampling work and keep the community informed of these activities.

In parallel, Tyco will continue to advance long-term drinking water solutions by offering and installing private, deep bedrock replacement drinking water wells to any property owners in the PWSA. A long-term groundwater well monitoring plan has been submitted and approved by the WDNR (Arcadis 2024a, WDNR 2024b).

7 References

Arcadis 2018a. Revised Long-Term Potable Well Sampling Plan. Tyco Fire Technology Center, 2700 Industrial Parkway, Marinette, Wisconsin 54143. BRRTS# 02-38-580694. Revision 1. April 20.

Arcadis. 2018b. Site Investigation Report. Tyco Fire Technology Center, Marinette, Wisconsin. BRRTS# 02-38-580694. September 28.

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Arcadis. 2020d. Interim Site Investigation Report. Tyco Fire Technology Center, Marinette, Wisconsin. BRRTS# 02-38-580694. May 21.

Arcadis 2020e. Potable Well Sampling Program Summary Report. Tyco Fire Technology Center, 2700 Industrial Parkway South, Marinette, Wisconsin 54143. BRRTS# 02-38-580694. June 1.

Arcadis. 2020f. Conceptual Site Model. Tyco Fire Technology Center, Marinette, Wisconsin. BRRTS# 02-38-580694. June 9.

Arcadis. 2020g. Groundwater Flow and Solute Transport Model Report. Tyco Fire Technology Center, Marinette, Wisconsin. BRRTS #02-38-580694. November 16.

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Arcadis. 2021f. Revised Long-Term Potable Well Sampling Plan. Tyco Fire Technology Center, 2700 Industrial Parkway South, Marinette, Wisconsin 54143. BRRTS# 02-38-580694. Revision 4. October 1.

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Arcadis. 2022a. Revised Long-Term Potable Well Sampling Plan. Tyco Fire Technology Center, 2700 Industrial Parkway South, Marinette, Wisconsin 54143. BRRTS# 02-38-580694. Revision 5. May 19.

Arcadis. 2022b. Quality Assurance Project Plan. Revision 1. June 15.

Arcadis. 2022c. Deep Aquifer Bedrock Well Design and Long Term Monitoring Work Plan. Tyco Fire Technology Center, 2700 Industrial Parkway South, Marinette, Wisconsin 54143. BRRTS# 02-38-580694. September 27.

Arcadis. 2022d. PWSA Drinking Water Update. Tyco Fire Technology Center, 2700 Industrial Parkway South, Marinette, Wisconsin 54143. BRRTS# 02-38-580694. September 27.

Arcadis. 2022e. Revised Long-Term Potable Well Sampling Plan. Tyco Fire Technology Center, 2700 Industrial Parkway South, Marinette, Wisconsin 54143. BRRTS# 02-38-580694. Revision 6. October 3.

Arcadis. 2022f. Response to Potable Well Sampling Program Annual Summary Report and Revised Long-term Potable Well Sampling Plan. Tyco FTC PFAS, 2700 Industrial Parkway South, Marinette, WI. October 18.

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Arcadis. 2023b. Site Investigation Status Report. Tyco Fire Technology Center, Marinette, Wisconsin. BRRTS# 02-38-580694. April 3.

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WDNR. 2021c. Response to Private Drinking Water Well Sampling Program Annual Summary Report, April 1, 2020 to March 31, 2021. JCI/Tyco FTC PFAS, 2700 Industrial Parkway South, Marinette, WI. BRRTS #02-38-580694. December 16.

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WDNR. 2022b. Response to 6th Revised Long-Term Potable Well Sampling Plan. JCI/Tyco FTC PFAS, 2700 Industrial Parkway South, Marinette, WI. BRRTS #02-38-580694. November 18.

WDNR. 2023a. Response to 7th Revised Long-Term Potable Well Sampling Plan. JCI/Tyco FTC PFAS, 2700 Industrial Parkway South, Marinette, WI. BRRTS #02-38-580694. May 31.

WDNR. 2023b. Response to Potable Well Sampling Program Annual Summary Report. April 1, 2022 to March 31, 2023. JCI/Tyco FTC PFAS, 2700 Industrial Parkway South, Marinette, WI. BRRTS #02-38-580694. September 8.

WDNR. 2024a. Response to 8th Revised Long-Term Potable Well Sampling Plan. JCI/Tyco FTC PFAS, 2700 Industrial Parkway South, Marinette, WI. BRRTS #02-38-580694. January 10.

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WDNR. 2024c. Response to Revised Comprehensive Alternative Water Management Plan. JCI/Tyco FTC PFAS, 2700 Industrial Parkway South, Marinette, WI. BRRTS #02-38-580694. May 8.

Tables

Table 1
Potable Well Program Status
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

Well ID	# of Quarterly Samples Collected[3]	Category	Sampling Frequency	Comments
WS-001	10	RL<T3	Biennially	
WS-002	2	ND	N/A	Well abandoned
WS-004	1	ND	N/A	Well abandoned
WS-005	12	RL<T3	N/A	Deep well installed
WS-005B	2	MDL<RL	N/A	Not a drinking water well
WS-006	4	RL<T3	N/A	Deep well installed
WS-007B[1]	2	>T3	N/A	Well abandoned
WS-010	7	RL<T3	Biennially	
WS-011	8	MDL<RL	N/A	Deep well installed
WS-012	8	MDL<RL	Biennially	Deep well installation pending
WS-014	13	MDL<RL	Biennially	
WS-015	5	RL<T3	Biennially	
WS-016	8	MDL<RL	Biennially	Deep well installation pending
WS-020	9	RL<T3	Biennially	Deep well installation pending
WS-021	3	RL<T3	Biennially	Deep well installation pending
WS-022	8	ND	Biennially	Deep well installation pending
WS-026	10	MDL<RL	Biennially	
WS-027	6	MDL<RL	Biennially	Deep well installation pending
WS-028	5	RL<T3	Biennially	
WS-029	9	RL<T3	Biennially	Deep well installation pending
WS-031	11	RL<T3	Biennially	Deep well installation pending
WS-033	11	RL<T3	Biennially	
WS-034	10	MDL<RL	N/A	Deep well installed
WS-035	7	RL<T3	Biennially	
WS-039	9	ND	Biennially	Deep well installation pending
WS-040	8	RL<T3	Biennially	
WS-043	7	ND	Biennially	Deep well installation pending
WS-044	11	RL<T3	Biennially	Deep well installation pending
WS-045	11	ND	Biennially	Deep well installation pending
WS-046	6	RL<T3	Biennially	Deep well installation pending
WS-047	2	ND	Biennially	Deep well installation pending
WS-048[1]	11	>T3	Annually	
WS-050	11	RL<T3	Biennially	Deep well installation pending
WS-051	11	RL<T3	Biennially	Deep well installation pending
WS-055	8	RL<T3	Biennially	Deep well installation pending
WS-056	5	MDL<RL	Biennially	Deep well installation pending
WS-059	6	RL<T3	Biennially	
WS-061A	3	ND	Biennially	
WS-063	11	RL<T3	Biennially	Deep well installation pending
WS-064	9	RL<T3	Biennially	Deep well installation pending
WS-065	10	MDL<RL	N/A	Deep well installed
WS-066	10	RL<T3	N/A	Deep well installed
WS-069A	9	RL<T3	Biennially	Deep well installation pending
WS-069B[1]	9	>T3	Annually	Deep well installation pending
WS-070[1]	1	>T3	Annually	

Notes on Page 3.

Table 1
Potable Well Program Status
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

Well ID	# of Quarterly Samples Collected[3]	Category	Sampling Frequency	Comments
WS-071	8	RL<T3	Biennially	Deep well installation pending
WS-072	10	ND	N/A	Deep Well Installed
WS-073	11	MDL<RL	Biennially	Deep well installation pending
WS-074	2	RL<T3	Biennially	Deep well installation pending
WS-075	11	ND	Biennially	
WS-076	3	ND	N/A	Deep well installed
WS-077	7	RL<T3	Biennially	Deep well installation pending
WS-078	12	ND	Biennially	Deep well installation pending
WS-079	12	RL<T3	Biennially	Deep well installation pending
WS-080	4	MDL<RL	Biennially	Deep well installation pending
WS-081	3	MDL<RL	N/A	Deep well installed
WS-082	3	MDL<RL	Biennially	Deep well installation pending
WS-082B	2	>T3	N/A	Not a drinking water well
WS-082C	2	>T3	N/A	Not a drinking water well
WS-082D[1]	3	>T3	N/A	Not a drinking water well
WS-083	7	MDL<RL	N/A	Deep well installed
WS-084	13	ND	Biennially	
WS-085	9	MDL<RL	Biennially	
WS-086	7	RL<T3	Biennially	
WS-087	13	RL<T3	Biennially	Deep well installation pending
WS-088	9	MDL<RL	Biennially	Deep well installation pending
WS-089	5	ND	Biennially	
WS-091	4	ND	Biennially	Deep well installation pending
WS-093	7	RL<T3	Biennially	
WS-094[1]	7	RL<T3	Biennially	Deep well installation pending
WS-095	3	ND	Biennially	Deep well installation pending
WS-098	6	RL<T3	Biennially	
WS-101[2]	3	>T3	Annually	Deep well installation pending
WS-102	10	RL<T3	Biennially	Deep well installation pending
WS-103	6	RL<T3	Biennially	
WS-104	10	MDL<RL	Biennially	Deep well installation pending
WS-105	2	ND	Biennially	
WS-107	8	RL<T3	Biennially	
WS-108	10	RL<T3	Biennially	Deep well installation pending
WS-110A	11	MDL<RL	Biennially	
WS-112	10	MDL<RL	N/A	Deep well installed
WS-113	11	ND	Biennially	Deep well installation pending
WS-114	6	MDL<RL	Biennially	Deep well installation pending
WS-116	8	MDL<RL	Biennially	Deep well installation pending
WS-117	9	MDL<RL	N/A	Deep well installed
WS-118A	7	RL<T3	Biennially	
WS-118B	6	ND	Biennially	
WS-119	11	MDL<RL	Biennially	Deep well installation pending
WS-120	7	RL<T3	N/A	Deep well installed
WS-122	11	MDL<RL	N/A	Deep well installed

Notes on Page 3.

Table 1
Potable Well Program Status
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

Well ID	# of Quarterly Samples Collected[3]	Category	Sampling Frequency	Comments
WS-123	6	RL<T3	Biennially	Deep well installation pending
WS-124[1]	6	RL<T3	Biennially	Deep well installation pending
WS-125	8	MDL<RL	Biennially	Deep well installation pending
WS-127	4	RL<T3	Biennially	Deep well installation pending
WS-128	4	ND	Biennially	Deep well installation pending
WS-130	11	MDL<RL	Biennially	
WS-131	7	MDL<RL	Biennially	Deep well installation pending
WS-132	9	RL<T3	N/A	Deep well installed
WS-134	6	MDL<RL	Biennially	Deep well installation pending
WS-135	4	RL<T3	Biennially	Deep well installation pending
WS-136	7	RL<T3	Biennially	Deep well installation pending
WS-137	8	RL<T3	Biennially	Deep well installation pending
WS-138	9	ND	Biennially	
WS-139	8	MDL<RL	Biennially	Deep well installation pending
WS-140	7	RL<T3	Biennially	Deep well installation pending
WS-141	8	MDL<RL	N/A	Deep well installed
WS-142	4	RL<T3	N/A	Deep well installed
WS-143	7	RL<T3	Biennially	Deep well installation pending
WS-144	6	RL<T3	Biennially	
WS-145	6	RL<T3	Biennially	
WS-146B	1	>T3	N/A	Not a drinking water well
WS-147[2]	3	>T3	N/A	Deep well installed
WS-148	2	ND	N/A	Well abandoned per owner
WS-149	3	RL<T3	Biennially	
WS-150	3	RL<T3	Biennially	
WS-151	6	RL<T3	Biennially	
WS-153	8	MDL<RL	Biennially	Deep well installation pending
WS-154	6	ND	N/A	Deep well installed
WS-155	3	MDL<RL	Biennially	
WS-156	8	ND	Biennially	
WS-157	6	RL<T3	Biennially	
WS-158	3	>T3	N/A	Deep well installed
WS-159[1]	4	>T3	Annually	Deep well installation pending
WS-160	4	MDL<RL	N/A	Deep well installed
WS-161	4	RL<T3	Biennially	Deep well installation pending
WS-162	2	RL<T3	Biennially	Deep well installation pending
WS-164	1	MDL<RL	Biennially	Deep well installation pending

Notes:

[1] = POET offer extended

[2] = POET offer declined

[3] = Number of quarterly samples collected through Winter 2024 sampling event

ID = Identification

ND = not detected above the laboratory MDL

MDL = method detection limit

RL = reporting limit

T3 = Table 3 values

N/A = not applicable

Deep wells that have been scheduled for drilling are listed as pending

Wells replaced by a new deep well are removed from the potable well sampling program

Table 2
POET System Program Status
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

Well Sample ID	POET ID	Category	Sampling/Maintenance Status	Comments
WS-007A[(1)]	POET-43	>T3	Deep well installed	POET removed 5/1/2024
WS-008	POET-7	>T3	Deep well installed	POET removed 4/3/2024
WS-009	POET-26	RL<T3	Maintenance	
WS-013	POET-10	RL<T3	Deep well installed	POET removed 7/11/2024
WS-017	POET-40	RL<T3	Maintenance	
WS-018	POET-29	>T3	Maintenance	
WS-019	POET-5	>T3	Deep well installed	POET removed 10/11/2023
WS-023	POET-14	RL<T3	Deep well installed	POET not removed as of 7/15/2024
WS-024	POET-11	>T3	Maintenance	Deep well installation pending
WS-025	POET-28	>T3	Maintenance	
WS-030	POET-31	>T3	Maintenance	Deep well installation pending
WS-032	POET-25	MDL<RL	Maintenance	Deep well installation pending
WS-036	POET-3	>T3	Maintenance	
WS-037	POET-32	>T3	Deep well installed	POET removed 1/30/2023
WS-038	POET-19	>T3	Maintenance	Deep well installation pending
WS-041	POET-46	RL<T3	Maintenance	
WS-042	POET-45	RL<T3	Maintenance	
WS-049	POET-35	RL<T3	Maintenance	Deep well installation pending
WS-052	POET-2	>T3	Deep well installed	POET removed 12/11/2023
WS-053	POET-21	RL<T3	Deep well installed	POET removed 6/1/2023
WS-054	POET-30	>T3	Deep well installed	POET removed 5/10/2023
WS-057	POET-34	>T3	Maintenance	Deep well installation pending
WS-058	POET-1	>T3	Deep well installed	POET not removed as of 7/15/2024
WS-060	POET-47	>T3	Maintenance	
WS-061B	POET-27	>T3	Maintenance	
WS-062	POET-44	>T3	Deep well installed	POET removed 10/10/2023
WS-067	POET-39	RL<T3	Maintenance	Deep well installation pending
WS-068	POET-12	>T3	Deep well installed	POET removed 10/17/2023
WS-090	POET-4	>T3	Deep well installed	POET removed 10/9/2023
WS-092	POET-22	RL<T3	Deep well installed	POET not removed as of 7/15/2024
WS-096	POET-6	>T3	Quarterly Sampling	Deep well installation pending
WS-097	POET-13	RL<T3	Deep well installed	POET removed 1/25/2024
WS-099	POET-15	RL<T3	Deep well installed	POET removed 1/22/2024
WS-100	POET-24	RL<T3	Deep well installed	POET removed 1/22/2024
WS-106 / WS-106R	POET-37	>T3	Deep well installed	POET not removed as of 7/15/2024
WS-109	POET-17	>T3	Maintenance	Deep well installation pending
WS-111	POET-18	RL<T3	Deep well installed	POET not removed as of 7/15/2024
WS-115	POET-20	MDL < RL	Maintenance	
WS-121A	POET-16	>T3	Maintenance	Will share WS-121BR well
WS-121B	POET-36	RL<T3	Deep well installed	POET not removed as of 7/15/2024
WS-126	POET-23	MDL < RL	Deep well installed	POET removed 10/27/2023
WS-129	POET-38	RL<T3	Deep well installed	POET not removed as of 7/15/2024
WS-133	POET-33	RL<T3	Deep well installed	POET removed 2/6/2023
WS-146A / WS-146AR	POET-8	> T3	Deep well installed	POET removed 5/2/2024
WS-146B	POET-9	>T3	Uninstalled	Not a drinking water well
WS-152	POET-42	RL < T3	Maintenance	
WS-163	POET-41	> T3	Maintenance	

Notes:

[(1)] = During deep well installation, it was discovered that the POET system was connected to WS-007B. All POET influent data identified as WS-007A is actually from WS-007B.

Sampling/Maintenance status subject to change based on available data

ID = Identification

POET = Point of Entry Treatment

Deep wells that have been scheduled for drilling are listed as pending

Wells replaced by a new deep well are removed from the POET program

Table 3
List of Compounds
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

Analyte	Wisconsin DHS Recommended Standards (not adopted)[1]	Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]	Units
PFBA	10,000	--	ng/L
PFPeA	--	--	ng/L
PFHxA	150,000	--	ng/L
PFHpA	--	--	ng/L
PFOA	20	4	ng/L
PFNA	30	10	ng/L
PFDA	300	--	ng/L
PFUnA	3,000	--	ng/L
PFDoA	500	--	ng/L
PFTriA	--	--	ng/L
PFTeA	10,000	--	ng/L
PFHxDA	--	--	ng/L
PFODA	400,000	--	ng/L
PFBS	450,000	2,000	ng/L
PFPeS	--	--	ng/L
PFHxS	40	10	ng/L
PFHpS	--	--	ng/L
PFOS	20	4	ng/L
PFNS	--	--	ng/L
PFDS	--	--	ng/L
PFDoS	--	--	ng/L
4:2 FTS	--	--	ng/L
6:2 FTS	--	--	ng/L
8:2 FTS	--	--	ng/L
10:2 FTS	--	--	ng/L
FOSA	20	--	ng/L
NMeFOSA	--	--	ng/L
NEtFOSA	20	--	ng/L
NMeFOSAA	--	--	ng/L
NEtFOSAA	20	--	ng/L
NMeFOSE	--	--	ng/L
NEtFOSE	20	--	ng/L
HFPO-DA (GenX)	300	10	ng/L
ADONA	3,000	--	ng/L
F-53B Major	--	--	ng/L
F-53B Minor	--	--	ng/L

Notes:

-- = No standard

ng/L = nanograms per liter

[1] = In June 2019, WDHS recommended individual groundwater standards of 20 ng/L for PFOA and PFOS. The WDNR proposed those standards through the state rulemaking process. In February 2022, the Wisconsin Natural Resource Board did not approve the proposed rulemaking for groundwater. In November 2020 the Wisconsin DHS recommended a combined groundwater standard of 20 ng/L for: FOSA, NEtFOSE, NEtFOSA, NEtFOSAA, PFOS and PFOA. DHS also recommended individual standards for FOSA, NEtFOSE, NEtFOSA, NEtFOSAA, PFBS, PFHxS, PFNA, PFDA, PFDoA, PFHxA, PFTeA, PFUnA, PFBA, PFODA, DONA, and GenX. The agency's authority under the scope statement expired in September 2023. In September 2022, the Governor approved a Statement of Scope to establish groundwater standards for PFOA, PFOS, PFBS and GenX (referred to as the "Four PFAS"). The Statement of Scope was approved by the Natural Resources Board in December 2022. Pursuant to state law, the WDNR has stopped work on the proposed rule and notified the state legislature that, following economic analysis, the proposed costs would exceed statutory thresholds. As a result, the WDNR cannot continue the rulemaking without authorization from the state legislature.

[2] = In 2024, the US EPA established individual Maximum Contaminant Levels in drinking water for a number of substances, including PFOA, PFOS, PFHxS, PFNA, and HFPO-DA; and for mixtures containing two or more of PFHxS, PFNA, HFPO-DA and PFBS calculated as a Hazard Index. These standards do not apply to private drinking water wells.

Table 3
List of Compounds
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

Chemical Abbreviations:

Perfluorobutanoic acid (PFBA)
Perfluoropentanoic acid (PFPeA)
Perfluorohexanoic acid (PFHxA)
Perfluoroheptanoic acid (PFHpA)
Perfluorooctanoic acid (PFOA)
Perfluorononanoic acid (PFNA)
Perfluorodecanoic acid (PFDA)
Perfluoroundecanoic acid (PFUnA)
Perfluorododecanoic acid (PFDoA)
Perfluorotridecanoic acid (PFTriA)
Perfluorotetradecanoic acid (PFTeA)
Perfluorohexadecanoic acid (PFHxDA)
Perfluorooctadecanoic acid (PFODA)
Perfluorobutane sulfonic acid (PFBS)
Perfluoropentane sulfonic acid (PFPeS)
Perfluorohexane sulfonic acid (PFHxS)
Perfluoroheptane sulfonic acid (PFHpS)
Perfluorooctane sulfonic acid (PFOS)
Perfluorononane sulfonic acid (PFNS)
Perfluorodecane sulfonic acid (PFDS)
Perfluorododecane sulfonic acid (PFDoS)
4:2 Fluorotelomer sulfonate (4:2 FTS)
6:2 Fluorotelomer sulfonate (6:2 FTS)
8:2 Fluorotelomer sulfonate (8:2 FTS)
10:2 Fluorotelomer sulfonate (10:2 FTS)
Perfluorooctane sulfonamide (FOSA)
N-methylperfluorooctanesulfonamide (NMeFOSA)
N-ethylperfluorooctanesulfonamidee (NEtFOSA)
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)
N-methylperfluorooctanesulfonamidoethanol (NEtFOSAA)
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)
Hexafluoropropylene oxide dimer acid (HFPO-DA or GenX)
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (F-53B Major)
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor)

Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-001	WS-001	WS-007A	WS-008	WS-008	WS-013	WS-013
			Sample ID	WS-001 (060823)	DUP-516 (060823)	POET-43-POST (071823)	POET-7-POST (051723)	DUP-515 (051723)	POET-10-POST (010324)	DUP-533 (010324)
			Sample Event	Spring 2023	Spring 2023	POET Effluent	POET Effluent	POET Effluent	POET Effluent	POET Effluent
			Sample Date	6/8/2023	6/8/2023	7/18/2023	5/17/2023	5/17/2023	1/3/2024	1/3/2024
			Sample Type	N	FD	N	N	FD	N	FD
			General Well Depth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
			Detailed Well Depth	62	62	23	23	23	15	15
			Source	+	+	-	-	-	-	-
Chemical Name	Wisconsin DHS Recommended Standards (not adopted)[1]	Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]	Unit							
PFBA	10,000	--	ng/L	< 1.9 U	< 2.1 U	< 2.1 U	< 2.3 U	< 2.3 U	< 2.3 U	< 2.4 U
PFPeA	--	--	ng/L	< 0.40 U	< 0.43 U	0.95 J	< 0.46 U	< 0.47 U	< 0.47 U	< 0.49 U
PFHxA	150,000	--	ng/L	< 0.47 U	< 0.51 U	< 0.52 U	< 0.55 U	< 0.55 U	< 0.56 U	< 0.58 U
PFHpA	--	--	ng/L	< 0.20 U	< 0.22 U	0.30 J	< 0.23 U	< 0.24 U	< 0.24 U	< 0.25 U
PFOA	20	4	ng/L	< 0.69 U	< 0.75 U	< 0.76 U	< 0.80 U	< 0.81 U	< 0.82 U	< 0.84 U
PFNA	30	10	ng/L	< 0.22 U	< 0.24 U	< 0.24 U	< 0.25 U	< 0.26 U	< 0.26 U	< 0.27 U
PFDA	300	--	ng/L	< 0.25 U	< 0.27 U	< 0.28 U	< 0.29 U	< 0.29 U	< 0.30 U	< 0.31 U
PFUnA	3,000	--	ng/L	< 0.89 U	< 0.97 U	< 0.98 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.1 U
PFDoA	500	--	ng/L	< 0.45 U	< 0.49 U	< 0.49 U	< 0.52 U	< 0.52 U	< 0.53 U	< 0.55 U
PFTriA	--	--	ng/L	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U	< 1.3 U
PFTeA	10,000	--	ng/L	< 0.59 U	< 0.65 U	< 0.65 U	< 0.69 U	< 0.69 U	< 0.71 U	< 0.73 U
PFHxDA	--	--	ng/L	< 0.72 U	< 0.79 U	< 0.80 U	< 0.84 U	< 0.85 U	< 0.86 U	< 0.88 U
PFODA	400,000	--	ng/L	< 0.76 U	< 0.83 U	< 0.84 UJ-	< 0.88 UJ-	< 0.89 U	< 0.91 U	< 0.93 U
PFBS	450,000	2,000	ng/L	< 0.16 U	< 0.18 U	< 0.18 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.20 U
PFPeS	--	--	ng/L	< 0.24 U	< 0.27 U	< 0.27 U	< 0.28 U	< 0.28 U	< 0.29 U	< 0.30 U
PFHxS	40	10	ng/L	< 0.46 U	< 0.50 U	< 0.51 U	< 0.54 U	< 0.54 U	< 0.55 U	< 0.57 U
PFHpS	--	--	ng/L	< 0.15 U	< 0.17 U	< 0.17 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.19 U
PFOS	20	4	ng/L	< 0.44 U	< 0.48 U	< 0.48 U	< 0.51 U	< 0.51 U	< 0.52 U	< 0.54 U
PFNS	--	--	ng/L	< 0.30 U	< 0.33 U	< 0.33 U	< 0.35 U	< 0.35 U	< 0.36 U	< 0.37 U
PFDS	--	--	ng/L	< 0.26 U	< 0.28 U	< 0.29 U	< 0.30 U	< 0.30 U	< 0.31 U	< 0.32 U
PFDoS	--	--	ng/L	< 0.79 U	< 0.86 U	< 0.87 U	< 0.91 U	< 0.92 U	< 0.94 U	< 0.96 U
4:2 FTS	--	--	ng/L	< 0.19 U	< 0.21 U	< 0.21 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.24 U
6:2 FTS	--	--	ng/L	< 2.0 U	< 2.2 U	< 2.2 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.5 U
8:2 FTS	--	--	ng/L	< 0.37 U	< 0.41 U	< 0.41 U	< 0.43 U	< 0.44 U	< 0.45 U	< 0.46 U
10:2 FTS	--	--	ng/L	< 0.54 U	< 0.59 U	< 0.60 U	< 0.63 U	< 0.64 U	< 0.65 U	< 0.67 U
FOSA	20	--	ng/L	3.6 J+	4.5	< 0.88 U	< 0.92 U	< 0.93 U	1.2 J	< 0.97 U
NMeFOSA	--	--	ng/L	< 0.35 U	< 0.38 U	< 0.38 U	< 0.40 U	< 0.41 U	< 0.42 U	< 0.43 U
NEtFOSA	20	--	ng/L	< 0.71 U	< 0.77 U	< 0.78 U	< 0.82 U	< 0.83 U	< 0.84 U	< 0.86 U
NMeFOSAA	--	--	ng/L	< 0.97 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U
NEtFOSAA	20	--	ng/L	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U	< 1.3 U
NMeFOSE	--	--	ng/L	< 1.1 U	< 1.2 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.4 U	< 1.4 U
NEtFOSE	20	--	ng/L	< 0.69 U	< 0.75 U	< 0.76 U	< 0.80 U	< 0.81 U	< 0.82 U	< 0.84 U
HFPO-DA (GenX)	300	10	ng/L	< 1.2 U	< 1.3 U	< 1.3 U	< 1.4 U	< 1.4 U	< 1.5 U	< 1.5 U
DONA	3,000	--	ng/L	< 0.32 U	< 0.35 U	< 0.36 U	< 0.38 U	< 0.38 U	< 0.39 U	< 0.40 U
F-53B Major	--	--	ng/L	< 0.19 U	< 0.21 U	< 0.21 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.24 U
F-53B Minor	--	--	ng/L	< 0.26 U	< 0.28 U	< 0.29 U	< 0.30 U	< 0.30 U	< 0.31 U	< 0.32 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-014	WS-014	WS-016	WS-017	WS-017	WS-021	WS-025	WS-025
			Sample ID	WS-014 (012424)	DUP-538 (012424)	WS-016 (071023)	POET-40-POST (080123)	DUP-523 (080123)	WS-021 (041823)	POET-28-POST (060823)	DUP-517 (060823)
			Sample Event	Winter 2024	Winter 2024	Summer 2023	POET Effluent	POET Effluent	Spring 2023	POET Effluent	POET Effluent
			Sample Date	1/24/2024	1/24/2024	7/10/2023	8/1/2023	8/1/2023	4/18/2023	6/8/2023	6/8/2023
			Sample Type	N	FD	N	N	FD	N	N	FD
			General Well Depth	Deep	Deep	Deep	Deep	Deep	Deep	Shallow	Shallow
			Detailed Well Depth	264	264	175	120	120	114	30-40	30-40
			Source	+, -	+, -	-	+, -	+, -	+, -	-	-
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**								
PFBA	10,000	--	ng/L	< 2.2 U	< 2.1 U	< 2.2 U	< 2.2 U	< 2.3 U	< 2.2 U	< 2.0 U	< 2.2 U
PFPeA	--	--	ng/L	< 0.45 U	< 0.43 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.45 U	< 0.41 U	< 0.44 U
PFHxA	150,000	--	ng/L	< 0.53 U	< 0.51 U	< 0.54 U	< 0.54 U	< 0.55 U	< 0.53 U	< 0.49 U	< 0.52 U
PFHpA	--	--	ng/L	< 0.23 U	< 0.22 U	< 0.23 U	< 0.23 U	< 0.24 U	< 0.23 U	< 0.21 U	< 0.23 U
PFOA	20	4	ng/L	< 0.78 U	< 0.74 U	< 0.79 U	< 0.79 U	< 0.80 U	1.9	< 0.72 U	< 0.77 U
PFNA	30	10	ng/L	< 0.25 U	< 0.24 U	< 0.25 U	< 0.25 U	< 0.26 U	< 0.25 U	< 0.23 U	< 0.24 U
PFDA	300	--	ng/L	< 0.28 U	< 0.27 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.28 U	< 0.26 U	< 0.28 U
PFUnA	3,000	--	ng/L	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.93 U	< 0.99 U
PFDoA	500	--	ng/L	< 0.50 U	< 0.48 U	< 0.51 U	< 0.51 U	< 0.52 U	< 0.50 U	< 0.46 U	< 0.50 U
PFTriA	--	--	ng/L	< 1.2 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.2 U
PFTeA	10,000	--	ng/L	< 0.67 U	< 0.64 U	< 0.68 U	< 0.68 U	< 0.69 U	< 0.66 U	< 0.62 U	< 0.66 U
PFHxDA	--	--	ng/L	< 0.82 U	< 0.78 U	< 0.83 U	< 0.83 U	< 0.84 U	< 0.81 U	< 0.75 U	< 0.80 U
PFODA	400,000	--	ng/L	< 0.86 U	< 0.82 U	< 0.88 U	< 0.88 UJ-	< 0.89 U	< 0.86 U	< 0.79 UJ	< 0.85 UJ
PFBS	450,000	2,000	ng/L	< 0.18 U	< 0.17 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.17 U	< 0.18 U
PFPeS	--	--	ng/L	< 0.28 U	< 0.26 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.27 U	< 0.25 U	< 0.27 U
PFHxS	40	10	ng/L	< 0.52 U	< 0.50 U	< 0.53 U	< 0.53 U	< 0.54 U	< 0.52 U	< 0.48 U	< 0.51 U
PFHpS	--	--	ng/L	< 0.17 U	< 0.17 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.17 U	< 0.16 U	< 0.17 U
PFOS	20	4	ng/L	< 0.50 U	< 0.47 U	< 0.50 U	< 0.50 U	< 0.51 U	1.2 J	< 0.46 U	< 0.49 U
PFNS	--	--	ng/L	< 0.34 U	< 0.32 U	< 0.34 U	< 0.34 U	< 0.35 U	< 0.34 U	< 0.31 U	< 0.33 U
PFDS	--	--	ng/L	< 0.29 U	< 0.28 U	< 0.30 U	< 0.30 U	< 0.30 U	< 0.29 U	< 0.27 U	< 0.29 U
PFDoS	--	--	ng/L	< 0.89 U	< 0.85 U	< 0.90 U	< 0.90 U	< 0.92 U	< 0.88 U	< 0.82 U	< 0.88 U
4:2 FTS	--	--	ng/L	< 0.22 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.23 U	< 0.22 U	< 0.20 U	< 0.22 U
6:2 FTS	--	--	ng/L	< 2.3 U	< 2.2 U	< 2.3 U	< 2.3 U	< 2.4 U	< 2.3 U	< 2.1 U	< 2.3 U
8:2 FTS	--	--	ng/L	< 0.42 U	< 0.40 U	< 0.43 U	< 0.43 U	< 0.44 U	< 0.42 U	< 0.39 U	< 0.42 U
10:2 FTS	--	--	ng/L	< 0.61 U	< 0.58 U	< 0.62 U	< 0.62 U	< 0.63 U	< 0.61 U	< 0.56 U	< 0.61 U
FOSA	20	--	ng/L	1.3 J	1.2 J	< 0.91 U	< 0.91 U	< 0.93 U	2.5	2.7	2.1
NMeFOSA	--	--	ng/L	< 0.39 U	< 0.38 U	< 0.40 U	< 0.40 U	< 0.41 U	< 0.39 U	< 0.36 U	< 0.39 U
NEtFOSA	20	--	ng/L	< 0.80 U	< 0.76 U	< 0.81 U	< 0.81 U	< 0.82 U	< 0.79 U	< 0.73 U	< 0.79 U
NMeFOSAA	--	--	ng/L	< 1.1 U	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U	< 1.1 U
NEtFOSAA	20	--	ng/L	< 1.2 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.2 U
NMeFOSE	--	--	ng/L	< 1.3 U	< 1.2 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.2 U	< 1.3 U
NEtFOSE	20	--	ng/L	< 0.78 U	< 0.74 U	< 0.79 U	< 0.79 U	< 0.80 U	< 0.77 U	< 0.72 U	< 0.77 U
HFPO-DA (GenX)	300	10	ng/L	< 1.4 U	< 1.3 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.3 U	< 1.4 U
DONA	3,000	--	ng/L	< 0.37 U	< 0.35 U	< 0.37 U	< 0.37 U	< 0.38 U	< 0.36 U	< 0.34 U	< 0.36 U
F-53B Major	--	--	ng/L	< 0.22 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.23 U	< 0.22 U	< 0.20 U	< 0.22 U
F-53B Minor	--	--	ng/L	< 0.29 U	< 0.28 U	< 0.30 U	< 0.30 U	< 0.30 U	< 0.29 U	< 0.27 U	< 0.29 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-029	WS-029	WS-038	WS-039	WS-039	WS-041	WS-041
			Sample ID	WS-029 (041823)	DUP-510 (041823)	POET-19-POST (011624)	WS-039 (050423)	DUP-513 (050423)	POET-46-MID (041823)	POET-46-POST (041823)
			Sample Event	Spring 2023	Spring 2023	POET Effluent	Spring 2023	Spring 2023	POET	POET
			Sample Date	4/18/2023	4/18/2023	1/16/2024	5/4/2023	5/4/2023	4/18/2023	4/18/2023
			Sample Type	N	FD	N	N	FD	N	N
			General Well Depth	Deep	Deep	Shallow	Deep	Deep	N/A	N/A
			Detailed Well Depth	90	90	28	80	80	N/A	N/A
			Source	-	-	+, -	-	-	N/A	N/A
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**							
PFBA	10,000	--	ng/L	< 2.1 U	< 2.2 U	< 2.2 U	< 2.3 U	< 2.3 U	< 2.2 U	< 2.3 U
PFPeA	--	--	ng/L	< 0.43 U	< 0.44 U	< 0.45 U	< 0.47 U	< 0.47 U	< 0.46 U	< 0.47 U
PFHxA	150,000	--	ng/L	< 0.51 U	< 0.53 U	< 0.53 U	< 0.55 U	< 0.55 U	< 0.54 U	< 0.56 U
PFHpA	--	--	ng/L	< 0.22 U	< 0.23 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U
PFOA	20	4	ng/L	< 0.75 U	< 0.77 U	< 0.78 U	< 0.81 U	< 0.81 U	< 0.80 U	< 0.82 U
PFNA	30	10	ng/L	< 0.24 U	< 0.25 U	< 0.25 U	< 0.26 U	< 0.26 U	< 0.25 U	< 0.26 U
PFDA	300	--	ng/L	< 0.27 U	< 0.28 U	< 0.28 U	< 0.30 U	< 0.29 U	< 0.29 U	< 0.30 U
PFUnA	3,000	--	ng/L	< 0.97 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U
PFDoA	500	--	ng/L	< 0.49 U	< 0.50 U	< 0.50 U	< 0.52 U	< 0.52 U	< 0.51 U	< 0.53 U
PFTriA	--	--	ng/L	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U
PFTeA	10,000	--	ng/L	< 0.64 U	< 0.66 U	< 0.67 U	< 0.69 U	< 0.69 U	< 0.68 U	< 0.70 U
PFHxDA	--	--	ng/L	< 0.79 U	< 0.81 U	< 0.82 U	< 0.85 U	< 0.85 U	< 0.83 U	< 0.86 U
PFODA	400,000	--	ng/L	< 0.83 U	< 0.85 U	< 0.86 U	< 0.89 U	< 0.89 U	< 0.88 U	< 0.90 U
PFBS	450,000	2,000	ng/L	< 0.18 U	< 0.18 U	< 0.18 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
PFPeS	--	--	ng/L	< 0.26 U	< 0.27 U	< 0.28 U	< 0.29 U	< 0.29 U	< 0.28 U	< 0.29 U
PFHxS	40	10	ng/L	< 0.50 U	< 0.52 U	< 0.52 U	< 0.54 U	< 0.54 U	< 0.53 U	< 0.55 U
PFHpS	--	--	ng/L	< 0.17 U	< 0.17 U	< 0.17 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
PFOS	20	4	ng/L	< 0.48 U	< 0.49 U	< 0.50 U	< 0.51 U	< 0.51 U	< 0.51 U	< 0.52 U
PFNS	--	--	ng/L	< 0.33 U	< 0.34 U	< 0.34 U	< 0.35 U	< 0.35 U	< 0.35 U	< 0.36 U
PFDS	--	--	ng/L	< 0.28 U	< 0.29 U	< 0.29 U	< 0.30 U	< 0.30 U	< 0.30 U	< 0.31 U
PFDoS	--	--	ng/L	< 0.86 U	< 0.88 U	< 0.89 U	< 0.92 U	< 0.92 U	< 0.91 U	< 0.93 U
4:2 FTS	--	--	ng/L	< 0.21 U	< 0.22 U	< 0.22 U	< 0.23 U	< 0.23 U	< 0.22 U	< 0.23 U
6:2 FTS	--	--	ng/L	< 2.2 U	< 2.3 U	< 2.3 U	< 2.4 U	< 2.4 U	< 2.3 U	< 2.4 U
8:2 FTS	--	--	ng/L	< 0.41 U	< 0.42 U	< 0.42 U	< 0.44 U	< 0.44 U	< 0.43 U	< 0.44 U
10:2 FTS	--	--	ng/L	< 0.59 U	< 0.61 U	< 0.62 U	< 0.64 U	< 0.64 U	< 0.63 U	< 0.64 U
FOSA	20	--	ng/L	1.9	1.7 J	< 0.90 U	< 0.93 U	< 0.93 U	0.96 J	< 0.94 U
NMeFOSA	--	--	ng/L	< 0.38 U	< 0.39 U	< 0.39 U	< 0.41 U	< 0.41 U	< 0.40 U	< 0.41 U
NEtFOSA	20	--	ng/L	< 0.77 U	< 0.79 U	< 0.80 U	< 0.83 U	< 0.83 U	< 0.81 U	< 0.84 U
NMeFOSAA	--	--	ng/L	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.2 U
NEtFOSAA	20	--	ng/L	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U
NMeFOSE	--	--	ng/L	< 1.2 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
NEtFOSE	20	--	ng/L	< 0.75 U	< 0.77 U	< 0.78 U	< 0.81 U	< 0.81 U	< 0.80 U	< 0.82 U
HFPO-DA (GenX)	300	10	ng/L	< 1.3 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
DONA	3,000	--	ng/L	< 0.35 U	< 0.36 U	< 0.37 U	< 0.38 U	< 0.38 U	< 0.37 U	< 0.38 U
F-53B Major	--	--	ng/L	< 0.21 U	< 0.22 U	< 0.22 U	< 0.23 U	< 0.23 U	< 0.22 U	< 0.23 U
F-53B Minor	--	--	ng/L	< 0.28 U	< 0.29 U	< 0.29 U	< 0.30 U	< 0.30 U	< 0.30 U	< 0.31 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-041	WS-042	WS-042	WS-042	WS-042	WS-044	WS-044	WS-046
			Sample ID	WS-041 (041823)	POET-45-MID (041823)	POET-45-POST (041823)	WS-042 (041823)	DUP-509 (041823)	WS-044 (081523)	DUP-525 (081523)	WS-046 (071423)
			Sample Event	POET	POET	POET	POET	POET	Summer 2023	Summer 2023	Summer 2023
			Sample Date	4/18/2023	4/18/2023	4/18/2023	4/18/2023	4/18/2023	8/15/2023	8/15/2023	7/14/2023
			Sample Type	N	N	N	N	FD	N	FD	N
			General Well Depth	N/A	Deep	Deep	Deep	Deep	Shallow	Shallow	N/A
			Detailed Well Depth	N/A	110	110	110	110	28	28	N/A
			Source	N/A	+	+	+	+	-	-	N/A
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**								
PFBA	10,000	--	ng/L	< 2.5 U	< 2.1 U	< 2.2 U	< 2.2 U	< 2.3 U	< 1.9 U	< 1.9 U	< 2.0 U
PFPeA	--	--	ng/L	< 0.52 U	< 0.44 U	< 0.46 U	< 0.45 U	< 0.47 U	< 0.39 U	< 0.39 U	0.77 J
PFHxA	150,000	--	ng/L	< 0.61 U	< 0.52 U	< 0.54 U	< 0.54 U	< 0.55 U	< 0.46 U	< 0.46 U	1.2 J
PFHpA	--	--	ng/L	< 0.26 U	< 0.22 U	< 0.23 U	< 0.23 U	< 0.24 U	< 0.20 U	< 0.20 U	0.40 J
PFOA	20	4	ng/L	< 0.90 U	< 0.76 U	< 0.79 U	< 0.79 U	< 0.81 U	0.80 J	0.94 J	5.8
PFNA	30	10	ng/L	< 0.29 U	< 0.24 U	< 0.25 U	< 0.25 U	< 0.26 U	< 0.21 U	< 0.22 U	< 0.23 U
PFDA	300	--	ng/L	< 0.33 U	< 0.28 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.25 U	< 0.25 U	< 0.26 U
PFUnA	3,000	--	ng/L	< 1.2 U	< 0.98 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.87 U	< 0.88 U	< 0.94 U
PFDoA	500	--	ng/L	< 0.58 U	< 0.49 U	< 0.51 U	< 0.51 U	< 0.52 U	< 0.44 UJ	< 0.44 UJ	< 0.47 U
PFTriA	--	--	ng/L	< 1.4 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.0 U	< 1.0 U	< 1.1 U
PFTeA	10,000	--	ng/L	< 0.77 U	< 0.65 U	< 0.68 U	< 0.68 U	< 0.69 U	< 0.58 U	< 0.58 U	< 0.62 U
PFHxDA	--	--	ng/L	< 0.94 U	< 0.79 U	< 0.83 U	< 0.83 U	< 0.85 U	< 0.71 U	< 0.71 U	< 0.76 U
PFODA	400,000	--	ng/L	< 1.0 U	< 0.84 U	< 0.88 U	< 0.87 U	< 0.89 U	< 0.75 U	< 0.75 U	< 0.80 U
PFBS	450,000	2,000	ng/L	< 0.21 U	< 0.18 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.16 U	< 0.16 U	< 0.17 U
PFPeS	--	--	ng/L	< 0.32 U	< 0.27 U	< 0.28 U	< 0.28 U	< 0.29 U	< 0.24 U	< 0.24 U	< 0.26 U
PFHxS	40	10	ng/L	< 0.60 U	< 0.51 U	< 0.53 U	< 0.53 U	< 0.54 U	< 0.45 U	< 0.45 U	< 0.49 U
PFHpS	--	--	ng/L	< 0.20 U	< 0.17 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.15 U	< 0.15 U	< 0.16 U
PFOS	20	4	ng/L	< 0.57 U	< 0.48 U	< 0.50 U	< 0.50 U	< 0.51 U	< 0.43 U	0.93 J	< 0.46 U
PFNS	--	--	ng/L	< 0.39 U	< 0.33 U	< 0.34 U	< 0.34 U	< 0.35 U	< 0.29 U	< 0.29 U	< 0.32 U
PFDS	--	--	ng/L	< 0.34 U	< 0.29 U	< 0.30 U	< 0.30 U	< 0.30 U	< 0.25 U	< 0.25 U	< 0.27 U
PFDoS	--	--	ng/L	< 1.0 U	< 0.87 U	< 0.90 U	< 0.90 U	< 0.92 U	< 0.77 U	< 0.77 U	< 0.83 U
4:2 FTS	--	--	ng/L	< 0.25 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.23 U	< 0.19 U	< 0.19 U	< 0.20 U
6:2 FTS	--	--	ng/L	< 2.6 U	< 2.2 U	< 2.3 U	< 2.3 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.1 U
8:2 FTS	--	--	ng/L	< 0.49 U	< 0.41 U	< 0.43 U	< 0.43 U	< 0.44 U	< 0.37 U	< 0.37 U	< 0.39 U
10:2 FTS	--	--	ng/L	< 0.71 U	< 0.60 U	< 0.62 U	< 0.62 U	< 0.64 U	< 0.53 U	< 0.53 U	< 0.57 U
FOSA	20	--	ng/L	3.0	< 0.88 U	< 0.91 U	1.6 J	< 0.93 U	1.4 J	1.8	4.6
NMeFOSA	--	--	ng/L	< 0.46 U	< 0.38 U	< 0.40 U	< 0.40 U	< 0.41 U	< 0.34 U	< 0.34 U	< 0.37 U
NEtFOSA	20	--	ng/L	< 0.92 U	< 0.78 U	< 0.81 U	< 0.81 U	< 0.83 U	< 0.69 U	< 0.69 U	< 0.74 U
NMeFOSAA	--	--	ng/L	< 1.3 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 0.95 U	< 0.96 U	< 1.0 U
NEtFOSAA	20	--	ng/L	< 1.4 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.0 U	< 1.0 U	< 1.1 U
NMeFOSE	--	--	ng/L	< 1.5 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.1 U	< 1.1 U	< 1.2 U
NEtFOSE	20	--	ng/L	< 0.90 U	< 0.76 U	< 0.79 U	< 0.79 U	< 0.81 U	< 0.68 U	< 0.68 U	< 0.72 U
HFPO-DA (GenX)	300	10	ng/L	< 1.6 U	< 1.3 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.2 U	< 1.2 U	< 1.3 U
DONA	3,000	--	ng/L	< 0.42 U	< 0.36 U	< 0.37 U	< 0.37 U	< 0.38 U	< 0.32 U	< 0.32 U	< 0.34 U
F-53B Major	--	--	ng/L	< 0.25 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.23 U	< 0.19 U	< 0.19 U	< 0.20 U
F-53B Minor	--	--	ng/L	< 0.34 U	< 0.29 U	< 0.30 U	< 0.30 U	< 0.30 U	< 0.25 U	< 0.25 U	< 0.27 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-048	WS-048	WS-049	WS-049	WS-051	WS-051	WS-052	WS-052
			Sample ID	WS-048 (111523)	DUP-529 (111523)	WS-049 (021924)	DUP-539 (021924)	WS-051 (122723)	DUP-532 (122723)	POET-2-POST (071923)	DUP-520 (071923)
			Sample Event	Fall 2023	Fall 2023	Winter 2024	Winter 2024	Fall 2023	Fall 2023	POET Effluent	POET Effluent
			Sample Date	11/15/2023	11/15/2023	2/19/2024	2/19/2024	12/27/2023	12/27/2023	7/19/2023	7/19/2023
			Sample Type	N	FD	N	FD	N	FD	N	FD
			General Well Depth	Shallow	Shallow	Shallow	Shallow	Deep	Deep	Shallow	Shallow
			Detailed Well Depth	20	20	24	24	107	107	22	22
			Source	-	-	+	+	+, -	+, -	-	-
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**								
PFBA	10,000	--	ng/L	6.8	6.3	15	15	< 2.2 U	< 2.3 U	< 2.2 U	< 2.2 U
PFPeA	--	--	ng/L	12	12	20	19	< 0.46 U	< 0.47 U	< 0.45 U	< 0.44 U
PFHxA	150,000	--	ng/L	15	14	15	15	< 0.54 U	0.55 J	< 0.53 U	< 0.53 U
PFHpA	--	--	ng/L	6.2	6.4	11	9.6	< 0.23 U	< 0.24 U	< 0.23 U	< 0.23 U
PFOA	20	4	ng/L	43	41	14	14	< 0.80 U	< 0.81 U	< 0.78 U	< 0.77 U
PFNA	30	10	ng/L	0.34 J	0.35 J	< 0.23 U	< 0.23 U	< 0.25 U	< 0.26 U	< 0.25 U	< 0.24 U
PFDA	300	--	ng/L	< 0.27 U	< 0.27 U	< 0.26 U	< 0.26 U	< 0.29 U	< 0.29 U	< 0.28 U	< 0.28 U
PFUnA	3,000	--	ng/L	< 0.96 U	< 0.97 U	< 0.93 U	< 0.94 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
PFDoA	500	--	ng/L	< 0.48 U	< 0.49 U	< 0.46 U	< 0.47 U	< 0.52 U	< 0.52 U	< 0.51 U	< 0.50 U
PFTriA	--	--	ng/L	< 1.1 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
PFTeA	10,000	--	ng/L	< 0.63 U	< 0.65 U	< 0.62 U	< 0.62 U	< 0.68 U	< 0.69 U	< 0.67 U	< 0.66 U
PFHxDA	--	--	ng/L	< 0.77 U	< 0.79 U	< 0.75 U	< 0.76 U	< 0.83 U	< 0.85 U	< 0.82 U	< 0.81 U
PFODA	400,000	--	ng/L	< 0.82 UJ	< 0.83 U	< 0.79 U	< 0.80 U	< 0.88 UJ-	< 0.89 UJ-	< 0.86 UJ-	< 0.85 UJ-
PFBS	450,000	2,000	ng/L	1.7	1.5 J	4.4	5.0	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
PFPeS	--	--	ng/L	< 0.26 U	< 0.27 U	0.46 J	0.45 J	< 0.28 U	< 0.28 U	< 0.28 U	< 0.27 U
PFHxS	40	10	ng/L	1.2 J	1.1 J	3.4	3.3	< 0.53 U	< 0.54 U	< 0.52 U	< 0.52 U
PFHpS	--	--	ng/L	< 0.17 U	< 0.17 U	< 0.16 U	< 0.16 U	< 0.18 U	< 0.18 U	< 0.17 U	< 0.17 U
PFOS	20	4	ng/L	5.4	6.0	2.9 J	3.0 J	< 0.51 U	< 0.51 U	< 0.50 U	< 0.49 U
PFNS	--	--	ng/L	< 0.32 U	< 0.33 U	< 0.31 U	< 0.32 U	< 0.35 U	< 0.35 U	< 0.34 U	< 0.34 U
PFDS	--	--	ng/L	< 0.28 U	< 0.28 U	< 0.27 U	< 0.27 U	< 0.30 U	< 0.30 U	< 0.29 U	< 0.29 U
PFDoS	--	--	ng/L	< 0.84 U	< 0.86 U	< 0.82 U	< 0.83 U	< 0.91 U	< 0.92 U	< 0.89 U	< 0.88 U
4:2 FTS	--	--	ng/L	< 0.21 U	< 0.21 U	< 0.20 U	< 0.20 U	< 0.22 U	< 0.23 U	< 0.22 U	< 0.22 U
6:2 FTS	--	--	ng/L	< 2.2 U	< 2.2 U	< 2.1 U	< 2.1 U	< 2.3 U	< 2.4 U	< 2.3 U	< 2.3 U
8:2 FTS	--	--	ng/L	< 0.40 U	< 0.41 U	< 0.39 U	< 0.39 U	< 0.43 U	< 0.44 U	< 0.42 U	< 0.42 U
10:2 FTS	--	--	ng/L	< 0.58 U	< 0.59 U	< 0.57 U	< 0.57 U	< 0.63 U	< 0.64 U	< 0.62 U	< 0.61 U
FOSA	20	--	ng/L	< 0.85 U	< 0.87 U	< 0.83 U	< 0.84 U	3.3	3.2	< 0.90 U	< 0.89 U
NMeFOSA	--	--	ng/L	< 0.37 U	< 0.38 U	< 0.36 U	< 0.37 U	< 0.40 U	< 0.41 U	< 0.40 U	< 0.39 U
NEtFOSA	20	--	ng/L	< 0.76 U	< 0.77 U	< 0.74 U	< 0.74 U	< 0.82 U	< 0.83 U	< 0.80 U	< 0.79 U
NMeFOSAA	--	--	ng/L	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
NEtFOSAA	20	--	ng/L	< 1.1 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
NMeFOSE	--	--	ng/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
NEtFOSE	20	--	ng/L	< 0.74 U	< 0.75 U	< 0.72 U	< 0.72 U	< 0.80 U	< 0.81 U	< 0.78 U	< 0.77 U
HFPO-DA (GenX)	300	10	ng/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
DONA	3,000	--	ng/L	< 0.35 U	< 0.35 U	< 0.34 U	< 0.34 U	< 0.37 U	< 0.38 U	< 0.37 U	< 0.36 U
F-53B Major	--	--	ng/L	< 0.21 U	< 0.21 U	< 0.20 U	< 0.20 U	< 0.22 U	< 0.23 U	< 0.22 U	< 0.22 U
F-53B Minor	--	--	ng/L	< 0.28 U	< 0.28 U	< 0.27 U	< 0.27 U	< 0.30 U	< 0.30 U	< 0.29 U	< 0.29 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-057	WS-060	WS-062	WS-062	WS-062	WS-063	WS-064
			Sample ID	WS-057 (082523)	POET-47-POST (010324)	POET-44-MID (083023)	POET-44-POST (083023)	WS-062 (083023)	WS-063 (071023)	WS-064 (071023)
			Sample Event	Summer 2023	POET Effluent	POET	POET	POET	Summer 2023	Summer 2023
			Sample Date	8/25/2023	1/3/2024	8/30/2023	8/30/2023	8/30/2023	7/10/2023	7/10/2023
			Sample Type	N	N	N	N	N	N	N
			General Well Depth	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	Shallow
			Detailed Well Depth	N/A	N/A	15	15	15	124	25
			Source	N/A	-	-	-	-	+, -	-
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**							
PFBA	10,000	--	ng/L	81	< 2.3 U	< 2.0 U	< 2.1 U	15	< 2.1 U	< 2.2 U
PFPeA	--	--	ng/L	230	< 0.47 U	4.2	< 0.42 U	37	< 0.44 U	< 0.45 U
PFHxA	150,000	--	ng/L	140	< 0.55 U	3.1	0.55 J	24	< 0.52 U	< 0.53 U
PFHpA	--	--	ng/L	87	< 0.24 U	2.4	< 0.21 U	13	< 0.22 U	< 0.23 U
PFOA	20	4	ng/L	190	< 0.81 U	18	< 0.73 U	42	< 0.76 U	< 0.78 U
PFNA	30	10	ng/L	5.2	< 0.26 U	< 0.23 U	< 0.23 U	0.55 J	< 0.24 U	< 0.25 U
PFDA	300	--	ng/L	0.40 J	< 0.30 U	< 0.26 U	< 0.27 U	< 0.27 U	< 0.28 U	< 0.28 U
PFUnA	3,000	--	ng/L	< 1.0 U	< 1.0 U	< 0.94 U	< 0.94 U	< 0.97 U	< 0.98 U	< 1.0 U
PFDoA	500	--	ng/L	< 0.52 U	< 0.52 U	< 0.47 U	< 0.47 U	< 0.49 U	< 0.49 U	< 0.50 U
PFTriA	--	--	ng/L	< 1.2 U	< 1.2 UJ-	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U
PFTeA	10,000	--	ng/L	< 0.69 U	< 0.70 U	< 0.62 U	< 0.63 U	< 0.65 U	< 0.65 U	< 0.67 U
PFHxDA	--	--	ng/L	< 0.84 U	< 0.85 U	< 0.76 U	< 0.76 U	< 0.79 U	< 0.79 U	< 0.81 U
PFODA	400,000	--	ng/L	< 0.89 U	< 0.90 UJ-	< 0.80 U	< 0.81 U	< 0.83 U	< 0.84 U	< 0.86 U
PFBS	450,000	2,000	ng/L	5.7	< 0.19 U	0.29 J	< 0.17 U	2.2	< 0.18 U	< 0.18 U
PFPeS	--	--	ng/L	2.8	< 0.29 U	< 0.26 U	< 0.26 U	< 0.27 U	< 0.27 U	< 0.27 U
PFHxS	40	10	ng/L	37	< 0.54 U	0.57 J	< 0.49 U	1.3 J	< 0.51 U	< 0.52 U
PFHpS	--	--	ng/L	0.49 J	< 0.18 U	< 0.16 U	< 0.16 U	< 0.17 U	< 0.17 U	< 0.17 U
PFOS	20	4	ng/L	41	< 0.52 U	< 0.46 U	< 0.46 U	2.3 J	< 0.48 U	< 0.49 U
PFNS	--	--	ng/L	< 0.35 U	< 0.35 U	< 0.31 U	< 0.32 U	< 0.33 U	< 0.33 U	< 0.34 U
PFDS	--	--	ng/L	< 0.30 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.28 U	< 0.28 U	< 0.29 U
PFDoS	--	--	ng/L	< 0.92 U	< 0.93 UJ	< 0.82 U	< 0.83 U	< 0.86 U	< 0.86 U	< 0.89 U
4:2 FTS	--	--	ng/L	< 0.23 U	< 0.23 U	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.22 U
6:2 FTS	--	--	ng/L	< 2.4 U	< 2.4 U	< 2.1 U	< 2.1 U	< 2.2 U	< 2.2 U	< 2.3 U
8:2 FTS	--	--	ng/L	< 0.44 U	< 0.44 U	< 0.39 U	< 0.39 U	< 0.41 U	< 0.41 U	< 0.42 U
10:2 FTS	--	--	ng/L	< 0.64 U	< 0.64 U	< 0.57 U	< 0.58 U	< 0.59 U	< 0.60 U	< 0.61 U
FOSA	20	--	ng/L	< 0.93 U	< 0.93 U	1.5 J	< 0.84 U	< 0.87 U	2.6	< 0.90 U
NMeFOSA	--	--	ng/L	< 0.41 U	< 0.41 U	< 0.37 U	< 0.37 U	< 0.38 U	< 0.38 U	< 0.39 U
NEtFOSA	20	--	ng/L	< 0.83 U	< 0.83 U	< 0.74 U	< 0.75 U	< 0.77 U	< 0.77 U	< 0.80 U
NMeFOSAA	--	--	ng/L	< 1.1 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U
NEtFOSAA	20	--	ng/L	< 1.2 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U
NMeFOSE	--	--	ng/L	< 1.3 U	< 1.3 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U
NEtFOSE	20	--	ng/L	< 0.81 U	< 0.81 U	< 0.72 U	< 0.73 U	< 0.75 U	< 0.76 U	< 0.78 U
HFPO-DA (GenX)	300	10	ng/L	< 1.4 U	< 1.4 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.4 U
DONA	3,000	--	ng/L	< 0.38 U	< 0.38 U	< 0.34 U	< 0.34 U	< 0.35 U	< 0.36 U	< 0.37 U
F-53B Major	--	--	ng/L	< 0.23 U	< 0.23 U	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.22 U
F-53B Minor	--	--	ng/L	< 0.30 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.28 U	< 0.28 U	< 0.29 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-066	WS-067	WS-067	WS-068	WS-068	WS-068	WS-068
			Sample ID	WS-066 (012424)	POET-39-POST (121823)	DUP-531 (121823)	POET-12-MID (081023)	POET-12-POST (081023)	WS-068 (081023)	DUP-524 (081023)
			Sample Event	Winter 2024	POET Effluent	POET Effluent	POET	POET	POET	POET
			Sample Date	1/24/2024	12/18/2023	12/18/2023	8/10/2023	8/10/2023	8/10/2023	8/10/2023
			Sample Type	N	N	FD	N	N	N	FD
			General Well Depth	Deep	N/A	N/A	Shallow	Shallow	Shallow	Shallow
			Detailed Well Depth	77	N/A	N/A	30	30	30	30
			Source	+, -	N/A	N/A	-	-	-	-
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**							
PFBA	10,000	--	ng/L	< 2.0 U	< 2.1 U	< 2.1 U	< 2.0 U	< 2.0 U	11	< 2.0 U
PFPeA	--	--	ng/L	0.58 J	< 0.44 U	< 0.44 U	< 0.41 U	< 0.41 U	52	< 0.41 U
PFHxA	150,000	--	ng/L	< 0.48 U	< 0.52 U	< 0.52 U	< 0.48 U	< 0.49 U	38	< 0.49 U
PFHpA	--	--	ng/L	0.28 J	< 0.22 U	< 0.22 U	< 0.21 U	< 0.21 U	24	< 0.21 U
PFOA	20	4	ng/L	2.2	< 0.76 U	< 0.76 U	< 0.70 U	< 0.71 U	150	< 0.72 U
PFNA	30	10	ng/L	< 0.23 U	< 0.24 U	< 0.24 U	< 0.22 U	< 0.23 U	8.4	< 0.23 U
PFDA	300	--	ng/L	< 0.26 U	< 0.28 U	< 0.28 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
PFUnA	3,000	--	ng/L	< 0.92 U	< 0.98 U	< 0.98 U	< 0.91 U	< 0.92 U	< 0.91 U	< 0.93 U
PFDoA	500	--	ng/L	< 0.46 U	< 0.49 U	< 0.49 U	< 0.46 U	< 0.46 U	< 0.45 U	< 0.47 U
PFTriA	--	--	ng/L	< 1.1 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
PFTeA	10,000	--	ng/L	< 0.61 U	< 0.65 U	< 0.65 U	< 0.60 U	< 0.61 U	< 0.60 U	< 0.62 U
PFHxDA	--	--	ng/L	< 0.74 U	< 0.80 U	< 0.79 U	< 0.74 U	< 0.75 U	< 0.73 U	< 0.75 U
PFODA	400,000	--	ng/L	< 0.78 U	< 0.84 UJ-	< 0.84 UJ-	< 0.78 U	< 0.79 U	< 0.77 U	< 0.79 U
PFBS	450,000	2,000	ng/L	< 0.17 U	< 0.18 U	< 0.18 U	< 0.17 U	< 0.17 U	0.80 J	< 0.17 U
PFPeS	--	--	ng/L	< 0.25 U	< 0.27 U	< 0.27 U	< 0.25 U	< 0.25 U	0.71 J	< 0.25 U
PFHxS	40	10	ng/L	< 0.48 U	< 0.51 U	< 0.51 U	< 0.47 U	< 0.48 U	12	< 0.48 U
PFHpS	--	--	ng/L	< 0.16 U	< 0.17 U	< 0.17 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U
PFOS	20	4	ng/L	< 0.45 U	< 0.48 U	< 0.48 U	< 0.45 U	< 0.45 U	0.77 J	< 0.46 U
PFNS	--	--	ng/L	< 0.31 U	< 0.33 U	< 0.33 U	< 0.31 U	< 0.31 U	< 0.30 U	< 0.31 U
PFDS	--	--	ng/L	< 0.27 U	< 0.29 U	< 0.28 U	< 0.26 U	< 0.27 U	< 0.26 U	< 0.27 U
PFDoS	--	--	ng/L	< 0.81 U	< 0.87 U	< 0.86 U	< 0.80 U	< 0.82 U	< 0.80 U	< 0.82 U
4:2 FTS	--	--	ng/L	< 0.20 U	< 0.21 U	< 0.21 U	< 0.20 U	< 0.20 U	1.2 J	< 0.20 U
6:2 FTS	--	--	ng/L	< 2.1 U	< 2.2 U	< 2.2 U	< 2.1 U	< 2.1 U	33	< 2.1 U
8:2 FTS	--	--	ng/L	< 0.38 U	< 0.41 U	< 0.41 U	< 0.38 U	< 0.39 U	< 0.38 U	< 0.39 U
10:2 FTS	--	--	ng/L	< 0.56 U	< 0.60 U	< 0.60 U	< 0.55 U	< 0.56 U	< 0.55 U	< 0.57 U
FOSA	20	--	ng/L	< 0.82 U	< 0.88 U	< 0.87 U	1.7	1.0 J	< 0.81 U	< 0.83 U
NMeFOSA	--	--	ng/L	< 0.36 U	< 0.38 U	< 0.38 U	< 0.36 U	< 0.36 U	< 0.35 U	< 0.36 U
NEtFOSA	20	--	ng/L	< 0.73 U	< 0.78 U	< 0.77 U	< 0.72 U	< 0.73 U	< 0.72 U	< 0.74 U
NMeFOSAA	--	--	ng/L	< 1.0 U	< 1.1 U	< 1.1 U	< 0.99 U	< 1.0 U	< 0.99 U	< 1.0 U
NEtFOSAA	20	--	ng/L	< 1.1 UJ	< 1.2 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
NMeFOSE	--	--	ng/L	< 1.2 U	< 1.3 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
NEtFOSE	20	--	ng/L	< 0.71 U	< 0.76 U	< 0.76 U	< 0.70 U	< 0.71 U	< 0.70 U	< 0.72 U
HFPO-DA (GenX)	300	10	ng/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.2 U	< 1.3 U	< 1.2 U	< 1.3 U
DONA	3,000	--	ng/L	< 0.33 U	< 0.36 U	< 0.36 U	< 0.33 U	< 0.34 U	< 0.33 U	< 0.34 U
F-53B Major	--	--	ng/L	< 0.20 U	< 0.21 U	< 0.21 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
F-53B Minor	--	--	ng/L	< 0.27 U	< 0.29 U	< 0.28 U	< 0.26 U	< 0.27 U	< 0.26 U	< 0.27 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-068	WS-084	WS-084	WS-085	WS-087	WS-087	WS-092
			Sample ID	POET-12-POST (083123)	WS-084 (121123)	DUP-530 (121123)	WS-085 (050423)	WS-087 (011624)	DUP-535 (011624)	POET-22-POST (101023)
			Sample Event	POET Effluent	Fall 2023	Fall 2023	Spring 2023	Winter 2024	Winter 2024	POET Effluent
			Sample Date	8/31/2023	12/11/2023	12/11/2023	5/4/2023	1/16/2024	1/16/2024	10/10/2023
			Sample Type	N	N	FD	N	N	FD	N
			General Well Depth	Shallow	Deep	Deep	Deep	Shallow	Shallow	Shallow
			Detailed Well Depth	30	122	122	118	15-20	15-20	18
			Source	-	+,-	+,-	+,-	-	-	-
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**							
PFBA	10,000	--	ng/L	< 2.0 U	< 2.1 U	< 2.1 U	< 2.3 U	7.3	7.0	< 2.1 U
PFPeA	--	--	ng/L	< 0.41 U	< 0.43 U	< 0.43 U	< 0.47 U	5.0	4.7	< 0.42 U
PFHxA	150,000	--	ng/L	< 0.49 U	< 0.51 U	< 0.51 U	< 0.55 U	3.6	3.7	< 0.50 U
PFHpA	--	--	ng/L	< 0.21 U	< 0.22 U	< 0.22 U	< 0.24 U	2.3	2.0	< 0.22 U
PFOA	20	4	ng/L	< 0.72 U	< 0.75 U	< 0.75 U	< 0.81 U	7.7	7.7	< 0.73 U
PFNA	30	10	ng/L	< 0.23 U	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 U	< 0.26 U	< 0.23 U
PFDA	300	--	ng/L	< 0.26 U	< 0.27 U	< 0.27 U	< 0.30 U	< 0.28 U	< 0.30 U	< 0.27 U
PFUnA	3,000	--	ng/L	< 0.93 U	< 0.97 U	< 0.97 U	< 1.1 U	< 0.99 U	< 1.1 U	< 0.95 U
PFDoA	500	--	ng/L	< 0.46 U	< 0.49 U	< 0.49 U	< 0.53 U	< 0.49 U	< 0.54 U	< 0.47 U
PFTriA	--	--	ng/L	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U	< 1.1 U
PFTeA	10,000	--	ng/L	< 0.62 U	< 0.65 U	< 0.65 U	< 0.70 U	< 0.66 U	< 0.71 U	< 0.63 U
PFHxDA	--	--	ng/L	< 0.75 U	< 0.79 U	< 0.79 U	< 0.85 U	< 0.80 U	< 0.87 U	< 0.77 U
PFODA	400,000	--	ng/L	< 0.79 U	< 0.83 UJ-	< 0.83 UJ-	< 0.90 U	< 0.85 U	< 0.92 U	< 0.81 U
PFBS	450,000	2,000	ng/L	< 0.17 U	< 0.18 U	< 0.18 U	< 0.19 U	0.41 J	0.44 J	< 0.17 U
PFPeS	--	--	ng/L	< 0.25 U	< 0.27 U	< 0.27 U	< 0.29 U	< 0.27 U	< 0.29 U	< 0.26 U
PFHxS	40	10	ng/L	< 0.48 U	< 0.50 U	< 0.50 U	< 0.54 U	0.83 J	0.71 J	< 0.49 U
PFHpS	--	--	ng/L	< 0.16 U	< 0.17 U	< 0.17 U	< 0.18 U	< 0.17 U	< 0.19 U	< 0.16 U
PFOS	20	4	ng/L	< 0.46 U	< 0.48 U	< 0.48 U	< 0.52 U	< 0.49 U	< 0.53 U	< 0.47 U
PFNS	--	--	ng/L	< 0.31 U	< 0.33 U	< 0.33 U	< 0.35 U	< 0.33 U	< 0.36 U	< 0.32 U
PFDS	--	--	ng/L	< 0.27 U	< 0.28 U	< 0.28 U	< 0.31 U	< 0.29 U	< 0.31 U	< 0.28 U
PFDoS	--	--	ng/L	< 0.82 U	< 0.86 U	< 0.86 U	< 0.93 U	< 0.87 U	< 0.95 U	< 0.84 U
4:2 FTS	--	--	ng/L	< 0.20 U	< 0.21 U	< 0.21 U	< 0.23 U	< 0.22 U	< 0.23 U	< 0.21 U
6:2 FTS	--	--	ng/L	< 2.1 U	< 2.2 U	< 2.2 U	< 2.4 U	< 2.2 U	< 2.4 U	< 2.2 U
8:2 FTS	--	--	ng/L	< 0.39 U	< 0.41 U	< 0.41 U	< 0.44 U	< 0.41 U	< 0.45 U	< 0.40 U
10:2 FTS	--	--	ng/L	< 0.56 U	< 0.59 U	< 0.59 U	< 0.64 U	< 0.60 U	< 0.65 U	< 0.58 U
FOSA	20	--	ng/L	1.3 J	< 0.87 U	< 0.87 U	0.98 J	< 0.88 U	< 0.96 U	1.5 J
NMeFOSA	--	--	ng/L	< 0.36 U	< 0.38 U	< 0.38 U	< 0.41 U	< 0.39 U	< 0.42 U	< 0.37 U
NEtFOSA	20	--	ng/L	< 0.73 U	< 0.77 U	< 0.77 U	< 0.83 U	< 0.78 U	< 0.85 U	< 0.75 U
NMeFOSAA	--	--	ng/L	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.0 U
NEtFOSAA	20	--	ng/L	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U	< 1.1 U
NMeFOSE	--	--	ng/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U	< 1.3 U	< 1.4 U	< 1.2 U
NEtFOSE	20	--	ng/L	< 0.72 U	< 0.75 U	< 0.75 U	< 0.81 U	< 0.76 U	< 0.83 U	< 0.73 U
HFPO-DA (GenX)	300	10	ng/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.4 U	< 1.3 U	< 1.5 U	< 1.3 U
DONA	3,000	--	ng/L	< 0.34 U	< 0.35 U	< 0.35 U	< 0.38 U	< 0.36 U	< 0.39 U	< 0.34 U
F-53B Major	--	--	ng/L	< 0.20 U	< 0.21 U	< 0.21 U	< 0.23 U	< 0.22 U	< 0.23 U	< 0.21 U
F-53B Minor	--	--	ng/L	< 0.27 U	< 0.28 U	< 0.28 U	< 0.31 U	< 0.29 U	< 0.31 U	< 0.28 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-096	WS-096	WS-096	WS-096	WS-096	WS-096	WS-096
			Sample ID	POET-6-MID (050223)	POET-6-POST (050223)	WS-096 (050223)	DUP-512 (050223)	POET-6-MID (072423)	POET-6-POST (072423)	WS-096 (072423)
			Sample Event	POET	POET	POET	POET	POET	POET	POET
			Sample Date	5/2/2023	5/2/2023	5/2/2023	5/2/2023	7/24/2023	7/24/2023	7/24/2023
			Sample Type	N	N	N	FD	N	N	N
			General Well Depth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
			Detailed Well Depth	27	27	27	27	27	27	27
			Source	-	-	-	-	-	-	-
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**							
PFBA	10,000	--	ng/L	< 2.3 U	< 2.3 U	24	< 2.4 U	4.1 J	< 2.2 U	27
PFPeA	--	--	ng/L	< 0.47 U	< 0.47 U	56	< 0.48 U	3.3	< 0.45 U	56
PFHxA	150,000	--	ng/L	< 0.55 U	< 0.56 U	42	< 0.57 U	1.7 J	< 0.54 U	42
PFHpA	--	--	ng/L	< 0.24 U	< 0.24 U	29	< 0.25 U	1.1 J	< 0.23 U	32
PFOA	20	4	ng/L	< 0.81 U	< 0.82 U	110	< 0.84 U	4.7	< 0.79 U	110
PFNA	30	10	ng/L	< 0.26 U	< 0.26 U	4.3	< 0.27 U	< 0.26 U	< 0.25 U	4.9
PFDA	300	--	ng/L	< 0.30 U	< 0.30 U	0.33 J	< 0.31 U	< 0.30 U	< 0.29 U	0.36 J
PFUnA	3,000	--	ng/L	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U	< 1.0 U
PFDoA	500	--	ng/L	< 0.52 U	< 0.53 U	< 0.53 U	< 0.54 U	< 0.53 U	< 0.51 U	< 0.50 U
PFTriA	--	--	ng/L	< 1.2 U	< 1.3 U	< 1.2 U	< 1.3 U	< 1.2 U	< 1.2 U	< 1.2 U
PFTeA	10,000	--	ng/L	< 0.69 U	< 0.71 U	< 0.70 U	< 0.72 U	< 0.70 U	< 0.68 U	< 0.67 U
PFHxDA	--	--	ng/L	< 0.85 U	< 0.86 U	< 0.85 U	< 0.88 U	< 0.85 U	< 0.82 U	< 0.82 U
PFODA	400,000	--	ng/L	< 0.89 U	< 0.91 U	< 0.90 U	< 0.93 U	< 0.90 U	< 0.87 U	< 0.86 UJ-
PFBS	450,000	2,000	ng/L	< 0.19 U	< 0.19 U	1.4 J	< 0.20 U	< 0.19 U	< 0.19 U	1.8
PFPeS	--	--	ng/L	< 0.29 U	< 0.29 U	0.76 J	< 0.30 U	< 0.29 U	< 0.28 U	1.0 J
PFHxS	40	10	ng/L	< 0.54 U	< 0.55 U	11	< 0.56 U	< 0.55 U	< 0.53 U	13
PFHpS	--	--	ng/L	< 0.18 U	< 0.18 U	0.18 J	< 0.19 U	< 0.18 U	< 0.18 U	< 0.17 U
PFOS	20	4	ng/L	< 0.51 U	< 0.52 U	4.4	< 0.53 U	< 0.52 U	< 0.50 U	4.3 J
PFNS	--	--	ng/L	< 0.35 U	< 0.36 U	< 0.35 U	< 0.36 U	< 0.35 U	< 0.34 U	< 0.34 U
PFDS	--	--	ng/L	< 0.30 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.31 U	< 0.30 U	< 0.29 U
PFDoS	--	--	ng/L	< 0.92 U	< 0.94 U	< 0.93 U	< 0.96 U	< 0.93 U	< 0.90 U	< 0.89 U
4:2 FTS	--	--	ng/L	< 0.23 U	< 0.23 U	< 0.23 U	< 0.24 U	< 0.23 U	< 0.22 U	< 0.22 U
6:2 FTS	--	--	ng/L	< 2.4 U	< 2.4 U	7.9	< 2.5 U	< 2.4 U	< 2.3 U	7.0
8:2 FTS	--	--	ng/L	< 0.44 U	< 0.44 U	< 0.44 U	< 0.45 U	< 0.44 U	< 0.43 U	< 0.42 U
10:2 FTS	--	--	ng/L	< 0.64 U	< 0.65 U	< 0.64 U	< 0.66 U	< 0.64 U	< 0.62 U	< 0.61 U
FOSA	20	--	ng/L	< 0.93 U	< 0.95 U	< 0.94 U	< 0.97 U	< 0.94 U	< 0.91 U	< 0.90 U
NMeFOSA	--	--	ng/L	< 0.41 U	< 0.42 U	< 0.41 U	< 0.42 U	< 0.41 U	< 0.40 U	< 0.39 U
NEtFOSA	20	--	ng/L	< 0.83 U	< 0.84 U	< 0.83 U	< 0.86 U	< 0.83 U	< 0.81 U	< 0.80 U
NMeFOSAA	--	--	ng/L	< 1.1 U	< 1.2 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.1 U
NEtFOSAA	20	--	ng/L	< 1.2 U	< 1.3 U	< 1.2 U	< 1.3 U	< 1.2 U	< 1.2 U	< 1.2 U
NMeFOSE	--	--	ng/L	< 1.3 U	< 1.4 U	< 1.3 U	< 1.4 U	< 1.3 U	< 1.3 U	< 1.3 U
NEtFOSE	20	--	ng/L	< 0.81 U	< 0.82 U	< 0.81 U	< 0.84 U	< 0.82 U	< 0.79 U	< 0.78 U
HFPO-DA (GenX)	300	10	ng/L	< 1.4 U	< 1.5 U	< 1.4 U	< 1.5 U	< 1.4 U	< 1.4 U	< 1.4 U
DONA	3,000	--	ng/L	< 0.38 U	< 0.39 U	< 0.38 U	< 0.39 U	< 0.38 U	< 0.37 U	< 0.37 U
F-53B Major	--	--	ng/L	< 0.23 U	0.33 J	< 0.23 U	< 0.24 U	< 0.23 U	< 0.22 U	< 0.22 U
F-53B Minor	--	--	ng/L	< 0.30 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.31 U	< 0.30 U	< 0.29 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-096	WS-096	WS-096	WS-096	WS-097	WS-099	WS-100
			Sample ID	DUP-521 (072423)	POET-6-MID (102323)	POET-6-POST (102323)	WS-096 (102323)	POET-13-POST (121823)	POET-15-POST (121923)	WS-100 (082523)
			Sample Event	POET	POET	POET	POET	POET Effluent	POET Effluent	Summer 2023
			Sample Date	7/24/2023	10/23/2023	10/23/2023	10/23/2023	12/18/2023	12/19/2023	8/25/2023
			Sample Type	FD	N	N	N	N	N	N
			General Well Depth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
			Detailed Well Depth	27	27	27	27	N/A	18	28
			Source	-	-	-	-	N/A	-	+
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**							
PFBA	10,000	--	ng/L	4.3 J	20	< 2.0 U	23	4.0 J	< 2.2 U	9.0
PFPeA	--	--	ng/L	3.5	12	< 0.42 U	57	< 0.45 U	< 0.44 U	4.5
PFHxA	150,000	--	ng/L	1.7 J	5.2	< 0.50 U	44	< 0.53 U	< 0.52 U	4.2
PFHpA	--	--	ng/L	1.4 J	2.8	< 0.21 U	33	< 0.23 U	< 0.23 U	1.9
PFOA	20	4	ng/L	5.1	13	< 0.73 U	120 J-	< 0.77 U	< 0.77 U	4.5
PFNA	30	10	ng/L	< 0.25 U	< 0.24 U	< 0.23 U	5.1	< 0.25 U	< 0.24 U	< 0.23 U
PFDA	300	--	ng/L	< 0.29 U	< 0.27 U	< 0.26 U	0.45 J	< 0.28 U	< 0.28 U	< 0.27 U
PFUnA	3,000	--	ng/L	< 1.0 U	< 0.96 U	< 0.94 U	< 1.0 U	< 1.0 U	< 0.99 U	< 0.95 U
PFDoA	500	--	ng/L	< 0.52 U	< 0.48 U	< 0.47 U	< 0.51 U	< 0.50 U	< 0.50 U	< 0.48 U
PFTriA	--	--	ng/L	< 1.2 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U
PFTeA	10,000	--	ng/L	< 0.69 U	< 0.64 U	< 0.62 U	< 0.67 U	< 0.67 U	< 0.66 U	< 0.63 U
PFHxDA	--	--	ng/L	< 0.84 U	< 0.78 U	< 0.76 U	< 0.82 U	< 0.81 U	< 0.80 U	< 0.77 U
PFODA	400,000	--	ng/L	< 0.88 U	< 0.82 U	< 0.80 U	< 0.87 UJ-	< 0.86 UJ-	< 0.85 UJ-	< 0.82 U
PFBS	450,000	2,000	ng/L	< 0.19 U	< 0.18 U	< 0.17 U	1.1 J	< 0.18 U	< 0.18 U	0.90 J
PFPeS	--	--	ng/L	< 0.28 U	< 0.26 U	< 0.26 U	0.99 J	< 0.27 U	< 0.27 U	< 0.26 U
PFHxS	40	10	ng/L	< 0.54 U	1.3 J	< 0.49 U	13	< 0.52 U	< 0.51 U	0.90 J
PFHpS	--	--	ng/L	< 0.18 U	< 0.17 U	< 0.16 U	< 0.18 U	< 0.17 U	< 0.17 U	< 0.16 U
PFOS	20	4	ng/L	< 0.51 U	0.56 J	< 0.46 U	5.3	< 0.49 U	< 0.49 U	< 0.47 U
PFNS	--	--	ng/L	< 0.35 U	< 0.32 U	< 0.32 U	< 0.34 U	< 0.34 U	< 0.33 U	< 0.32 U
PFDS	--	--	ng/L	< 0.30 U	< 0.28 U	< 0.27 U	< 0.30 U	< 0.29 U	< 0.29 U	< 0.28 U
PFDoS	--	--	ng/L	< 0.91 U	< 0.85 U	< 0.83 U	< 0.89 UJ-	< 0.88 U	< 0.87 U	< 0.84 U
4:2 FTS	--	--	ng/L	< 0.23 U	< 0.21 U	< 0.20 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.21 U
6:2 FTS	--	--	ng/L	< 2.3 U	< 2.2 U	< 2.1 U	6.1	< 2.3 U	< 2.3 U	< 2.2 U
8:2 FTS	--	--	ng/L	< 0.43 U	< 0.40 U	< 0.39 U	< 0.42 U	< 0.42 U	< 0.41 U	< 0.40 U
10:2 FTS	--	--	ng/L	< 0.63 U	< 0.59 U	< 0.57 U	< 0.62 U	< 0.61 U	< 0.60 U	< 0.58 U
FOSA	20	--	ng/L	< 0.92 U	< 0.86 U	< 0.84 U	< 0.90 U	< 0.89 U	< 0.88 U	< 0.85 U
NMeFOSA	--	--	ng/L	< 0.40 U	< 0.38 U	< 0.37 U	< 0.40 U	< 0.39 U	< 0.39 U	< 0.37 U
NEtFOSA	20	--	ng/L	< 0.82 U	< 0.76 U	< 0.74 U	< 0.80 U	< 0.79 U	< 0.78 U	< 0.75 U
NMeFOSAA	--	--	ng/L	< 1.1 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U
NEtFOSAA	20	--	ng/L	< 1.2 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U
NMeFOSE	--	--	ng/L	< 1.3 U	< 1.2 U	< 1.2 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.2 U
NEtFOSE	20	--	ng/L	< 0.80 U	< 0.74 U	< 0.73 U	< 0.78 U	< 0.77 U	< 0.77 U	< 0.74 U
HFPO-DA (GenX)	300	10	ng/L	< 1.4 U	< 1.3 U	< 1.3 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.3 U
DONA	3,000	--	ng/L	< 0.38 U	< 0.35 U	< 0.34 U	< 0.37 U	< 0.36 U	< 0.36 U	< 0.35 U
F-53B Major	--	--	ng/L	< 0.23 U	< 0.21 U	0.28 J	< 0.22 U	< 0.22 U	< 0.22 U	< 0.21 U
F-53B Minor	--	--	ng/L	< 0.30 U	< 0.28 U	< 0.27 U	< 0.30 U	< 0.29 U	< 0.29 U	< 0.28 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-100	WS-100	WS-102	WS-102	WS-106R	WS-106R	WS-106R
			Sample ID	DUP-526 (082523)	POET-24-POST (121823)	WS-102 (071023)	DUP-518 (071023)	POET-37-MID (102323)	POET-37-POST (102323)	WS-106R (102323)
			Sample Event	Summer 2023	POET Effluent	Summer 2023	Summer 2023	POET	POET	POET
			Sample Date	8/25/2023	12/18/2023	7/10/2023	7/10/2023	10/23/2023	10/23/2023	10/23/2023
			Sample Type	FD	N	N	FD	N	N	N
			General Well Depth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
			Detailed Well Depth	28	28	N/A	N/A	37	37	37
			Source	+	+	N/A	N/A	+	+	+
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**							
PFBA	10,000	--	ng/L	8.7	17	7.2	8.1	< 2.2 U	< 2.2 U	10
PFPeA	--	--	ng/L	4.4	2.6	8.0	7.4	< 0.44 U	< 0.46 U	57
PFHxA	150,000	--	ng/L	4.2	0.60 J	6.0	6.5	< 0.53 U	< 0.54 U	30
PFHpA	--	--	ng/L	1.7 J	0.37 J	4.3	4.4	< 0.23 U	< 0.23 U	21
PFOA	20	4	ng/L	4.7	< 0.75 U	9.5	9.2	< 0.77 U	< 0.79 U	69
PFNA	30	10	ng/L	< 0.24 U	< 0.24 U	< 0.24 U	< 0.25 U	< 0.24 U	< 0.25 U	1.2 J
PFDA	300	--	ng/L	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.29 U	< 0.27 U
PFUnA	3,000	--	ng/L	< 0.98 U	< 0.98 U	< 0.99 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.97 U
PFDoA	500	--	ng/L	< 0.49 U	< 0.49 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.51 U	< 0.49 U
PFTriA	--	--	ng/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U
PFTeA	10,000	--	ng/L	< 0.65 U	< 0.65 U	< 0.66 U	< 0.67 U	< 0.66 U	< 0.68 U	< 0.65 U
PFHxDA	--	--	ng/L	< 0.79 U	< 0.79 U	< 0.80 U	< 0.82 U	< 0.81 U	< 0.83 U	< 0.79 U
PFODA	400,000	--	ng/L	< 0.84 U	< 0.83 UJ-	< 0.85 U	< 0.86 U	< 0.85 U	< 0.87 U	< 0.83 U
PFBS	450,000	2,000	ng/L	0.99 J	< 0.18 U	0.67 J	0.70 J	< 0.18 U	< 0.19 U	0.40 J
PFPeS	--	--	ng/L	< 0.27 U	< 0.27 U	< 0.27 U	< 0.27 U	< 0.27 U	< 0.28 U	< 0.27 U
PFHxS	40	10	ng/L	0.97 J	< 0.51 U	< 0.51 U	< 0.52 U	< 0.52 U	< 0.53 U	8.9
PFHpS	--	--	ng/L	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.18 U	< 0.17 U
PFOS	20	4	ng/L	< 0.48 U	< 0.48 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.50 U	< 0.48 U
PFNS	--	--	ng/L	< 0.33 U	< 0.33 U	< 0.33 U	< 0.34 U	< 0.34 U	< 0.34 U	< 0.33 U
PFDS	--	--	ng/L	< 0.29 U	< 0.28 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.30 U	< 0.28 U
PFDoS	--	--	ng/L	< 0.87 U	< 0.86 U	< 0.88 U	< 0.89 U	< 0.88 U	< 0.90 U	< 0.86 U
4:2 FTS	--	--	ng/L	< 0.21 U	< 0.21 U	0.41 J	0.33 J	< 0.22 U	< 0.22 U	< 0.21 U
6:2 FTS	--	--	ng/L	< 2.2 U	< 2.2 U	5.1	5.4	< 2.3 U	< 2.3 U	12
8:2 FTS	--	--	ng/L	< 0.41 U	< 0.41 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.43 U	< 0.41 U
10:2 FTS	--	--	ng/L	< 0.60 U	< 0.59 U	< 0.60 U	< 0.61 U	< 0.61 U	< 0.62 U	< 0.59 U
FOSA	20	--	ng/L	< 0.88 U	< 0.87 U	< 0.88 U	< 0.90 U	< 0.89 U	< 0.91 U	< 0.87 U
NMeFOSA	--	--	ng/L	< 0.38 U	< 0.38 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.40 U	< 0.38 U
NEtFOSA	20	--	ng/L	< 0.78 U	< 0.77 U	< 0.78 U	< 0.80 U	< 0.79 U	< 0.81 U	< 0.77 U
NMeFOSAA	--	--	ng/L	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
NEtFOSAA	20	--	ng/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U
NMeFOSE	--	--	ng/L	< 1.3 U	< 1.2 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.2 U
NEtFOSE	20	--	ng/L	< 0.76 U	< 0.75 U	< 0.77 U	< 0.78 U	< 0.77 U	< 0.79 U	< 0.75 U
HFPO-DA (GenX)	300	10	ng/L	< 1.3 U	< 1.3 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.3 U
DONA	3,000	--	ng/L	< 0.36 U	< 0.36 U	< 0.36 U	< 0.37 U	< 0.36 U	< 0.37 U	< 0.35 U
F-53B Major	--	--	ng/L	< 0.21 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.21 U
F-53B Minor	--	--	ng/L	< 0.29 U	< 0.28 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.30 U	< 0.28 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-106R	WS-106R	WS-106R	WS-106R	WS-106R	WS-107	WS-108
			Sample ID	DUP-528 (102323)	POET-37-MID (012324)	POET-37-POST (012324)	WS-106R (012324)	DUP-537 (012324)	WS-107 (071123)	WS-108 (041823)
			Sample Event	POET	POET	POET	POET	POET	Summer 2023	Spring 2023
			Sample Date	10/23/2023	1/23/2024	1/23/2024	1/23/2024	1/23/2024	7/11/2023	4/18/2023
			Sample Type	FD	N	N	N	FD	N	N
			General Well Depth	Shallow	Shallow	Shallow	Shallow	Shallow	Deep	N/A
			Detailed Well Depth	37	37	37	37	37	109	N/A
			Source	+	+	+	+	+	+,-	N/A
Chemical Name	Wisconsin DHS Recommended Standards (not adopted)[1]	Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]	Unit							
PFBA	10,000	--	ng/L	< 2.1 U	< 2.1 U	< 2.1 U	11	< 2.1 U	< 2.2 U	< 2.2 U
PFPeA	--	--	ng/L	< 0.42 U	< 0.42 U	< 0.43 U	50	< 0.44 U	< 0.45 U	< 0.45 U
PFHxA	150,000	--	ng/L	< 0.50 U	< 0.50 U	< 0.50 U	30	< 0.52 U	< 0.53 U	< 0.53 U
PFHpA	--	--	ng/L	< 0.21 U	< 0.21 U	< 0.22 U	20	< 0.22 U	< 0.23 U	< 0.23 U
PFOA	20	4	ng/L	< 0.73 U	< 0.73 U	< 0.74 U	97	< 0.76 U	< 0.78 U	< 0.78 U
PFNA	30	10	ng/L	< 0.23 U	< 0.23 U	< 0.23 U	4.0	< 0.24 U	< 0.25 U	< 0.25 U
PFDA	300	--	ng/L	< 0.26 U	< 0.26 U	< 0.27 U	< 0.27 U	< 0.28 U	< 0.28 U	< 0.29 U
PFUnA	3,000	--	ng/L	< 0.94 U	< 0.94 U	< 0.96 U	< 0.95 U	< 0.98 U	< 1.0 U	< 1.0 U
PFDoA	500	--	ng/L	< 0.47 U	< 0.47 U	< 0.48 U	< 0.47 U	< 0.49 U	< 0.50 U	< 0.51 U
PFTriA	--	--	ng/L	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U
PFTeA	10,000	--	ng/L	< 0.62 U	< 0.62 U	< 0.63 U	< 0.63 U	< 0.65 U	< 0.67 U	< 0.67 U
PFHxDA	--	--	ng/L	< 0.76 U	< 0.76 U	< 0.77 U	< 0.77 U	< 0.79 U	< 0.81 U	< 0.82 U
PFODA	400,000	--	ng/L	< 0.80 U	< 0.80 U	< 0.82 UJ-	< 0.81 U	< 0.84 U	< 0.86 U	< 0.87 U
PFBS	450,000	2,000	ng/L	< 0.17 U	< 0.17 U	< 0.17 U	0.70 J	< 0.18 U	< 0.18 U	< 0.18 U
PFPeS	--	--	ng/L	< 0.26 U	< 0.26 U	< 0.26 U	0.73 J	< 0.27 U	< 0.27 U	< 0.28 U
PFHxS	40	10	ng/L	< 0.49 U	< 0.49 U	< 0.50 U	11	< 0.51 U	< 0.52 U	< 0.52 U
PFHpS	--	--	ng/L	< 0.16 U	< 0.16 U	< 0.17 U	< 0.16 U	< 0.17 U	< 0.17 U	< 0.17 U
PFOS	20	4	ng/L	< 0.46 U	< 0.46 U	< 0.47 U	< 0.47 U	< 0.48 U	< 0.49 U	< 0.50 U
PFNS	--	--	ng/L	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.33 U	< 0.34 U	< 0.34 U
PFDS	--	--	ng/L	< 0.27 U	0.73 J	< 0.28 U	< 0.28 U	< 0.28 U	< 0.29 U	< 0.29 U
PFDoS	--	--	ng/L	< 0.83 U	< 0.83 U	< 0.84 U	< 0.84 U	< 0.86 U	< 0.89 U	< 0.89 U
4:2 FTS	--	--	ng/L	< 0.21 U	< 0.21 U	< 0.21 U	0.36 J	< 0.21 U	< 0.22 U	< 0.22 U
6:2 FTS	--	--	ng/L	< 2.1 U	< 2.1 U	< 2.2 U	19	< 2.2 U	< 2.3 U	< 2.3 U
8:2 FTS	--	--	ng/L	< 0.39 U	< 0.39 U	< 0.40 U	< 0.40 U	< 0.41 U	< 0.42 U	< 0.42 U
10:2 FTS	--	--	ng/L	< 0.57 U	< 0.57 U	< 0.58 U	< 0.58 U	< 0.60 U	< 0.61 U	< 0.62 U
FOSA	20	--	ng/L	< 0.84 U	< 0.84 U	< 0.85 U	< 0.85 U	< 0.87 U	< 0.90 U	2.2
NMeFOSA	--	--	ng/L	< 0.37 U	< 0.37 U	< 0.37 U	< 0.37 U	< 0.38 U	< 0.39 U	< 0.40 U
NEtFOSA	20	--	ng/L	< 0.74 U	< 0.74 U	< 0.76 U	< 0.75 U	< 0.77 U	< 0.79 U	< 0.80 U
NMeFOSAA	--	--	ng/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U
NEtFOSAA	20	--	ng/L	< 1.1 U	1.4 J	< 1.1 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U
NMeFOSE	--	--	ng/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U	< 1.3 U
NEtFOSE	20	--	ng/L	< 0.73 U	< 0.73 U	< 0.74 U	< 0.73 U	< 0.76 U	< 0.78 U	< 0.78 U
HFPO-DA (GenX)	300	10	ng/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.4 U	< 1.4 U
DONA	3,000	--	ng/L	< 0.34 U	< 0.34 U	< 0.35 U	< 0.35 U	< 0.36 U	< 0.37 U	< 0.37 U
F-53B Major	--	--	ng/L	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.22 U	< 0.22 U
F-53B Minor	--	--	ng/L	< 0.27 U	< 0.27 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.29 U	< 0.29 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-111	WS-111	WS-115	WS-118A	WS-118A	WS-118B	WS-121A
			Sample ID	POET-18-POST (011824)	DUP-536 (011824)	POET-20-POST (122123)	WS-118A (071323)	DUP-519 (071323)	WS-118B (071323)	POET-16-POST (041723)
			Sample Event	POET Effluent	POET Effluent	POET Effluent	Summer 2023	Summer 2023	Summer 2023	POET Effluent
			Sample Date	1/18/2024	1/18/2024	12/21/2023	7/13/2023	7/13/2023	7/13/2023	4/17/2023
			Sample Type	N	FD	N	N	FD	N	N
			General Well Depth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
			Detailed Well Depth	17	17	N/A	18	18	41	N/A
			Source	-	-	N/A	-	-	+,-	N/A
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**							
PFBA	10,000	--	ng/L	< 2.1 U	< 2.2 U	< 2.2 U	< 2.8 U	< 2.5 U	< 2.2 U	< 2.2 U
PFPeA	--	--	ng/L	< 0.44 U	< 0.44 U	< 0.45 U	< 0.57 U	< 0.51 U	< 0.45 U	< 0.46 U
PFHxA	150,000	--	ng/L	0.53 J	< 0.52 U	< 0.53 U	< 0.68 U	< 0.61 U	< 0.53 U	< 0.54 U
PFHpA	--	--	ng/L	< 0.22 U	< 0.23 U	< 0.23 U	< 0.29 U	< 0.26 U	< 0.23 U	< 0.23 U
PFOA	20	4	ng/L	< 0.76 U	< 0.77 U	< 0.78 U	< 1.0 U	< 0.89 U	< 0.77 U	< 0.80 U
PFNA	30	10	ng/L	< 0.24 U	< 0.24 U	< 0.25 U	< 0.32 U	< 0.28 U	< 0.25 U	< 0.25 U
PFDA	300	--	ng/L	< 0.28 U	< 0.28 U	< 0.29 U	< 0.36 U	< 0.32 U	< 0.28 U	< 0.29 U
PFUnA	3,000	--	ng/L	< 0.98 U	< 0.99 U	< 1.0 U	< 1.3 U	< 1.2 U	< 1.0 U	< 1.0 U
PFDoA	500	--	ng/L	< 0.49 U	< 0.50 U	< 0.51 U	< 0.65 U	< 0.58 U	< 0.50 U	< 0.51 U
PFTriA	--	--	ng/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.5 U	< 1.4 U	< 1.2 U	< 1.2 U
PFTeA	10,000	--	ng/L	< 0.65 U	< 0.66 U	< 0.67 U	< 0.86 U	< 0.76 U	< 0.67 U	< 0.68 U
PFHxDA	--	--	ng/L	< 0.79 U	< 0.80 U	< 0.82 U	< 1.0 U	< 0.93 U	< 0.81 U	< 0.83 U
PFODA	400,000	--	ng/L	< 0.84 U	< 0.85 U	< 0.87 UJ-	< 1.1 U	< 0.98 U	< 0.86 UJ	< 0.88 U
PFBS	450,000	2,000	ng/L	< 0.18 U	< 0.18 U	< 0.18 U	< 0.23 U	< 0.21 U	< 0.18 U	< 0.19 U
PFPeS	--	--	ng/L	< 0.27 U	< 0.27 U	< 0.28 U	< 0.35 U	< 0.31 U	< 0.27 U	< 0.28 U
PFHxS	40	10	ng/L	< 0.51 U	< 0.51 U	< 0.53 U	< 0.67 U	< 0.60 U	< 0.52 U	< 0.53 U
PFHpS	--	--	ng/L	< 0.17 U	< 0.17 U	< 0.18 U	< 0.22 U	< 0.20 U	< 0.17 U	< 0.18 U
PFOS	20	4	ng/L	< 0.48 U	< 0.49 U	< 0.50 U	< 0.63 U	< 0.57 U	< 0.49 U	< 0.51 U
PFNS	--	--	ng/L	< 0.33 U	< 0.33 U	< 0.34 U	< 0.43 U	< 0.39 U	< 0.34 U	< 0.35 U
PFDS	--	--	ng/L	< 0.28 U	< 0.29 U	< 0.30 U	< 0.38 U	< 0.34 U	< 0.29 U	< 0.30 U
PFDoS	--	--	ng/L	< 0.86 U	< 0.88 U	< 0.89 U	< 1.1 U	< 1.0 U	< 0.88 U	< 0.91 U
4:2 FTS	--	--	ng/L	< 0.21 U	< 0.22 U	< 0.22 U	< 0.28 U	< 0.25 U	< 0.22 U	< 0.22 U
6:2 FTS	--	--	ng/L	< 2.2 U	< 2.3 U	< 2.3 U	< 2.9 U	< 2.6 U	< 2.3 U	< 2.3 U
8:2 FTS	--	--	ng/L	< 0.41 U	< 0.42 U	< 0.42 U	< 0.54 U	< 0.48 U	< 0.42 U	< 0.43 U
10:2 FTS	--	--	ng/L	< 0.60 U	< 0.61 U	< 0.62 U	< 0.79 U	< 0.70 U	< 0.61 U	< 0.63 U
FOSA	20	--	ng/L	< 0.87 U	< 0.89 U	< 0.90 U	13	8.9	< 0.89 U	2.3
NMeFOSA	--	--	ng/L	< 0.38 U	< 0.39 U	< 0.40 U	< 0.50 U	< 0.45 U	< 0.39 U	< 0.40 U
NEtFOSA	20	--	ng/L	< 0.77 U	< 0.79 U	< 0.80 U	< 1.0 U	< 0.91 U	< 0.79 U	< 0.81 U
NMeFOSAA	--	--	ng/L	< 1.1 U	< 1.1 U	< 1.1 U	< 1.4 U	< 1.3 U	< 1.1 U	< 1.1 U
NEtFOSAA	20	--	ng/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.5 U	< 1.4 U	< 1.2 U	< 1.2 U
NMeFOSE	--	--	ng/L	< 1.2 U	< 1.3 U	< 1.3 U	< 1.6 U	< 1.5 U	< 1.3 U	< 1.3 U
NEtFOSE	20	--	ng/L	< 0.76 U	< 0.77 U	< 0.78 U	< 1.0 U	< 0.89 U	< 0.77 U	< 0.80 U
HFPO-DA (GenX)	300	10	ng/L	< 1.3 U	< 1.4 U	< 1.4 U	< 1.8 U	< 1.6 U	< 1.4 U	< 1.4 U
DONA	3,000	--	ng/L	< 0.36 U	< 0.36 U	< 0.37 U	< 0.47 U	< 0.42 U	< 0.36 U	< 0.37 U
F-53B Major	--	--	ng/L	< 0.21 U	< 0.22 U	< 0.22 U	< 0.28 U	< 0.25 U	< 0.22 U	< 0.22 U
F-53B Minor	--	--	ng/L	< 0.28 U	< 0.29 U	< 0.30 U	< 0.38 U	< 0.34 U	< 0.29 U	< 0.30 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-129	WS-129	WS-140	WS-140	WS-143	WS-145	WS-146AR
			Sample ID	POET-38-POST (042523)	DUP-511 (042523)	WS-140 (010924)	DUP-534 (010924)	WS-143 (071223)	WS-145 (071123)	POET-8-MID (050923)
			Sample Event	POET Effluent	POET Effluent	Winter 2024	Winter 2024	Summer 2023	Summer 2023	POET
			Sample Date	4/25/2023	4/25/2023	1/9/2024	1/9/2024	7/12/2023	7/11/2023	5/9/2023
			Sample Type	N	FD	N	FD	N	N	N
			General Well Depth	Shallow	Shallow	Shallow	Shallow	Deep	Deep	Shallow
			Detailed Well Depth	20	20	29	29	90	124	N/A
			Source	-	-	-	-	+	+,-	N/A
Chemical Name	**Wisconsin DHS Recommended Standards (not adopted)[1]**	**Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]**	**Unit**							
PFBA	10,000	--	ng/L	< 2.3 U	< 2.3 U	2.3 J	2.4 J	< 2.2 U	< 2.2 U	< 2.1 U
PFPeA	--	--	ng/L	2.4	2.4	1.1 J	1.1 J	< 0.45 U	< 0.44 U	< 0.42 U
PFHxA	150,000	--	ng/L	< 0.56 U	< 0.54 U	0.81 J	0.74 J	< 0.54 U	< 0.52 U	< 0.50 U
PFHpA	--	--	ng/L	< 0.24 U	< 0.23 U	0.49 J	0.41 J	< 0.23 U	< 0.23 U	< 0.22 U
PFOA	20	4	ng/L	< 0.82 U	< 0.80 U	1.0 J	0.94 J	< 0.79 U	< 0.77 U	< 0.73 U
PFNA	30	10	ng/L	< 0.26 U	< 0.25 U	< 0.24 U	< 0.25 U	< 0.25 U	< 0.24 U	< 0.23 U
PFDA	300	--	ng/L	< 0.30 U	< 0.29 U	< 0.28 U	< 0.28 U	< 0.29 U	< 0.28 U	< 0.27 U
PFUnA	3,000	--	ng/L	< 1.1 U	< 1.0 U	< 0.99 U	< 1.0 U	< 1.0 U	< 0.99 U	< 0.95 U
PFDoA	500	--	ng/L	< 0.53 U	< 0.52 U	< 0.50 U	< 0.50 U	< 0.51 U	< 0.50 U	< 0.47 U
PFTriA	--	--	ng/L	< 1.3 U	< 1.2 U	< 1.2 U	< 1.2 U	8.2	< 1.2 U	< 1.1 U
PFTeA	10,000	--	ng/L	< 0.71 U	< 0.69 U	< 0.66 U	< 0.66 U	< 0.67 U	< 0.66 U	< 0.63 U
PFHxDA	--	--	ng/L	< 0.86 U	< 0.84 U	< 0.80 U	< 0.81 U	< 0.82 U	< 0.80 U	< 0.77 U
PFODA	400,000	--	ng/L	< 0.91 U	< 0.88 U	< 0.85 U	< 0.85 U	< 0.87 U	< 0.85 U	< 0.81 U
PFBS	450,000	2,000	ng/L	< 0.19 U	< 0.19 U	4.6	4.7	< 0.18 U	< 0.18 U	< 0.17 U
PFPeS	--	--	ng/L	< 0.29 U	< 0.28 U	< 0.27 U	< 0.27 U	< 0.28 U	< 0.27 U	< 0.26 U
PFHxS	40	10	ng/L	< 0.55 U	< 0.53 U	< 0.51 U	< 0.52 U	< 0.53 U	< 0.51 U	< 0.49 U
PFHpS	--	--	ng/L	< 0.18 U	< 0.18 U	< 0.17 U	< 0.17 U	< 0.18 U	< 0.17 U	< 0.16 U
PFOS	20	4	ng/L	< 0.52 U	< 0.51 U	< 0.49 U	< 0.49 U	< 0.50 U	< 0.49 U	< 0.47 U
PFNS	--	--	ng/L	< 0.36 U	< 0.35 U	< 0.33 U	< 0.34 U	< 0.34 U	< 0.33 U	< 0.32 U
PFDS	--	--	ng/L	< 0.31 U	< 0.30 U	< 0.29 U	< 0.29 U	< 0.30 U	< 0.29 U	< 0.28 U
PFDoS	--	--	ng/L	< 0.94 U	< 0.91 U	< 0.88 U	< 0.88 U	< 0.90 U	< 0.87 U	< 0.84 U
4:2 FTS	--	--	ng/L	< 0.23 U	< 0.23 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.21 U
6:2 FTS	--	--	ng/L	< 2.4 U	< 2.3 U	< 2.3 U	< 2.3 U	< 2.3 U	< 2.3 U	< 2.2 U
8:2 FTS	--	--	ng/L	< 0.45 U	< 0.43 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.41 U	< 0.40 U
10:2 FTS	--	--	ng/L	< 0.65 U	< 0.63 U	< 0.60 U	< 0.61 U	< 0.62 U	< 0.60 U	< 0.58 U
FOSA	20	--	ng/L	< 0.95 U	< 0.92 U	< 0.88 U	< 0.89 U	< 0.91 U	1.2 J	< 0.84 U
NMeFOSA	--	--	ng/L	< 0.42 U	< 0.40 U	< 0.39 U	< 0.39 U	< 0.40 U	< 0.39 U	< 0.37 U
NEtFOSA	20	--	ng/L	< 0.84 U	< 0.82 U	< 0.78 U	< 0.79 U	< 0.80 U	< 0.78 U	< 0.75 U
NMeFOSAA	--	--	ng/L	< 1.2 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U
NEtFOSAA	20	--	ng/L	< 1.3 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U
NMeFOSE	--	--	ng/L	< 1.4 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.2 U
NEtFOSE	20	--	ng/L	< 0.82 U	< 0.80 U	< 0.77 U	< 0.77 U	< 0.79 U	< 0.77 U	< 0.73 U
HFPO-DA (GenX)	300	10	ng/L	< 1.5 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.3 U
DONA	3,000	--	ng/L	< 0.39 U	< 0.38 U	< 0.36 U	< 0.36 U	< 0.37 U	< 0.36 U	< 0.34 U
F-53B Major	--	--	ng/L	< 0.23 U	< 0.23 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.21 U
F-53B Minor	--	--	ng/L	< 0.31 U	< 0.30 U	< 0.29 U	< 0.29 U	< 0.30 U	< 0.29 U	< 0.28 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-146AR	WS-146AR	WS-146AR	WS-146AR	WS-146AR	WS-146AR	WS-146AR
			Sample ID	POET-8-POST (050923)	WS-146AR (050923)	DUP-514 (050923)	POET-8-MID (082923)	POET-8-POST (082923)	WS-146AR (082923)	DUP-527 (082923)
			Sample Event	POET	POET	POET	POET	POET	POET	POET
			Sample Date	5/9/2023	5/9/2023	5/9/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023
			Sample Type	N	N	FD	N	N	N	FD
			General Well Depth	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
			Detailed Well Depth	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Source	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemical Name	Wisconsin DHS Recommended Standards (not adopted)[1]	Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]	Unit							
PFBA	10,000	--	ng/L	< 2.1 U	440 D	< 2.2 U	27	< 2.1 U	260	< 2.4 U
PFPeA	--	--	ng/L	< 0.42 U	1700 D	< 0.44 U	120	< 0.42 U	1300 D	< 0.48 U
PFHxA	150,000	--	ng/L	< 0.50 U	1000 D	< 0.53 U	55	0.50 J	670 D	< 0.57 U
PFHpA	--	--	ng/L	< 0.22 U	460 D	< 0.23 U	20	< 0.22 U	280	< 0.25 U
PFOA	20	4	ng/L	< 0.73 U	430 D	< 0.77 U	25	< 0.73 U	320	< 0.84 U
PFNA	30	10	ng/L	< 0.23 U	17	< 0.24 U	< 0.24 U	< 0.23 U	19	< 0.27 U
PFDA	300	--	ng/L	< 0.27 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.27 U	< 0.28 U	< 0.31 U
PFUnA	3,000	--	ng/L	< 0.95 U	< 0.98 U	< 1.0 U	< 0.99 U	< 0.95 U	< 1.0 U	< 1.1 U
PFDoA	500	--	ng/L	< 0.47 U	< 0.49 U	< 0.50 U	< 0.49 U	< 0.47 U	< 0.50 U	< 0.54 U
PFTriA	--	--	ng/L	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.2 U	< 1.3 U
PFTeA	10,000	--	ng/L	< 0.63 U	< 0.65 U	< 0.66 U	< 0.66 U	< 0.63 U	< 0.67 U	< 0.72 U
PFHxDA	--	--	ng/L	< 0.77 U	< 0.79 U	< 0.81 U	< 0.80 U	< 0.77 U	< 0.81 U	< 0.88 U
PFODA	400,000	--	ng/L	< 0.81 U	< 0.84 UJ	< 0.85 U	< 0.84 U	< 0.81 U	< 0.86 U	< 0.93 U
PFBS	450,000	2,000	ng/L	< 0.17 U	1.7 J	< 0.18 U	< 0.18 U	< 0.17 U	1.8	< 0.20 U
PFPeS	--	--	ng/L	< 0.26 U	0.82 J	< 0.27 U	< 0.27 U	< 0.26 U	1.9	< 0.30 U
PFHxS	40	10	ng/L	< 0.49 U	12	< 0.52 U	1.2 J	< 0.49 U	18	< 0.56 U
PFHpS	--	--	ng/L	< 0.16 U	0.69 J	< 0.17 U	< 0.17 U	< 0.16 U	0.90 J	< 0.19 U
PFOS	20	4	ng/L	< 0.46 U	7.8 J	< 0.49 U	< 0.48 U	< 0.47 U	12	< 0.53 U
PFNS	--	--	ng/L	< 0.32 U	< 0.33 U	< 0.34 U	< 0.33 U	< 0.32 U	< 0.34 U	< 0.37 U
PFDS	--	--	ng/L	< 0.28 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.28 U	< 0.29 U	< 0.32 U
PFDoS	--	--	ng/L	< 0.84 U	< 0.86 U	< 0.88 U	< 0.87 U	< 0.84 U	< 0.89 U	< 0.96 U
4:2 FTS	--	--	ng/L	< 0.21 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.21 U	0.36 J	< 0.24 U
6:2 FTS	--	--	ng/L	< 2.2 U	5800 D	< 2.3 U	290	< 2.2 U	3500 D	< 2.5 U
8:2 FTS	--	--	ng/L	< 0.40 U	0.47 J	< 0.42 U	< 0.41 U	< 0.40 U	0.74 J	< 0.45 U
10:2 FTS	--	--	ng/L	< 0.58 U	< 0.60 U	< 0.61 U	< 0.60 U	< 0.58 U	< 0.61 U	< 0.66 U
FOSA	20	--	ng/L	< 0.84 U	< 0.87 U	< 0.89 U	1.0 J	1.4 J	< 0.90 U	1.7 J
NMeFOSA	--	--	ng/L	< 0.37 U	< 0.38 U	< 0.39 U	< 0.39 U	< 0.37 U	< 0.39 U	< 0.42 U
NEtFOSA	20	--	ng/L	< 0.75 U	< 0.78 U	< 0.79 U	< 0.78 U	< 0.75 U	< 0.80 U	< 0.86 U
NMeFOSAA	--	--	ng/L	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.0 U	< 1.1 U	< 1.2 U
NEtFOSAA	20	--	ng/L	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.2 U	< 1.3 U
NMeFOSE	--	--	ng/L	< 1.2 U	< 1.2 U	< 1.3 U	< 1.3 U	< 1.2 U	< 1.3 U	< 1.4 U
NEtFOSE	20	--	ng/L	< 0.73 U	< 0.76 U	< 0.77 U	< 0.76 U	< 0.73 U	< 0.78 U	< 0.84 U
HFPO-DA (GenX)	300	10	ng/L	< 1.3 U	< 1.3 U	< 1.4 U	< 1.3 U	< 1.3 U	< 1.4 U	< 1.5 U
DONA	3,000	--	ng/L	< 0.34 U	< 0.36 U	< 0.36 U	< 0.36 U	< 0.35 U	< 0.37 U	< 0.39 U
F-53B Major	--	--	ng/L	< 0.21 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.21 U	< 0.22 U	< 0.24 U
F-53B Minor	--	--	ng/L	< 0.28 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.28 U	< 0.29 U	< 0.32 U

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Table 4
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

			Location	WS-151	WS-153	WS-154	WS-156	WS-156
			Sample ID	WS-151 (072023)	WS-153 (071123)	WS-154 (071223)	WS-156 (072423)	DUP-522 (072423)
			Sample Event	Summer 2023	Summer 2023	Summer 2023	Summer 2023	Summer 2023
			Sample Date	7/20/2023	7/11/2023	7/12/2023	7/24/2023	7/24/2023
			Sample Type	N	N	N	N	FD
			General Well Depth	Deep	Shallow	Deep	Deep	Deep
			Detailed Well Depth	162	25	82	550	550
			Source	+,-	-	+,-	+,-	+,-
Chemical Name	Wisconsin DHS Recommended Standards (not adopted)[1]	Public/Municipal Drinking Water Standards (Not Applicable to Private Wells)[2]	Unit					
PFBA	10,000	--	ng/L	< 2.0 U	4.5 J	< 2.3 U	< 2.2 U	< 2.3 U
PFPeA	--	--	ng/L	< 0.40 U	2.9	< 0.47 U	< 0.45 U	< 0.47 U
PFHxA	150,000	--	ng/L	< 0.48 U	1.7 J	< 0.55 U	< 0.54 U	< 0.55 U
PFHpA	--	--	ng/L	< 0.21 U	0.97 J	< 0.24 U	< 0.23 U	< 0.24 U
PFOA	20	4	ng/L	< 0.70 U	< 0.79 U	< 0.81 U	< 0.78 U	< 0.81 U
PFNA	30	10	ng/L	< 0.22 U	< 0.25 U	< 0.26 U	< 0.25 U	< 0.26 U
PFDA	300	--	ng/L	< 0.26 U	< 0.29 U	< 0.30 U	< 0.29 U	< 0.30 U
PFUnA	3,000	--	ng/L	< 0.91 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.1 U
PFDoA	500	--	ng/L	< 0.45 U	< 0.51 U	< 0.52 U	< 0.51 U	< 0.53 U
PFTriA	--	--	ng/L	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
PFTeA	10,000	--	ng/L	< 0.60 U	< 0.68 U	< 0.69 U	< 0.67 U	< 0.70 U
PFHxDA	--	--	ng/L	< 0.73 U	< 0.82 U	< 0.85 U	< 0.82 U	< 0.85 U
PFODA	400,000	--	ng/L	< 0.77 UJ-	< 0.87 U	< 0.89 U	< 0.87 UJ	< 0.90 U
PFBS	450,000	2,000	ng/L	< 0.16 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.19 U
PFPeS	--	--	ng/L	< 0.25 U	< 0.28 U	< 0.29 U	< 0.28 U	< 0.29 U
PFHxS	40	10	ng/L	< 0.47 U	< 0.53 U	< 0.54 U	< 0.53 U	< 0.54 U
PFHpS	--	--	ng/L	< 0.16 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
PFOS	20	4	ng/L	< 0.44 U	< 0.50 U	< 0.51 U	< 0.50 U	< 0.52 U
PFNS	--	--	ng/L	< 0.30 U	< 0.34 U	< 0.35 U	< 0.34 U	< 0.35 U
PFDS	--	--	ng/L	< 0.26 U	< 0.30 U	< 0.30 U	< 0.30 U	< 0.31 U
PFDoS	--	--	ng/L	< 0.80 U	< 0.90 U	< 0.92 U	< 0.90 U	< 0.93 U
4:2 FTS	--	--	ng/L	< 0.20 U	< 0.22 U	< 0.23 U	< 0.22 U	< 0.23 U
6:2 FTS	--	--	ng/L	< 2.1 U	< 2.3 U	< 2.4 U	< 2.3 U	< 2.4 U
8:2 FTS	--	--	ng/L	< 0.38 U	< 0.43 U	< 0.44 U	< 0.42 U	< 0.44 U
10:2 FTS	--	--	ng/L	< 0.55 U	< 0.62 U	< 0.64 U	< 0.62 U	< 0.64 U
FOSA	20	--	ng/L	< 0.81 U	< 0.91 U	< 0.93 U	< 0.90 U	< 0.94 U
NMeFOSA	--	--	ng/L	< 0.35 U	< 0.40 U	< 0.41 U	< 0.40 U	< 0.41 U
NEtFOSA	20	--	ng/L	< 0.72 U	< 0.81 U	< 0.83 U	< 0.80 U	< 0.83 U
NMeFOSAA	--	--	ng/L	< 0.99 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
NEtFOSAA	20	--	ng/L	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
NMeFOSE	--	--	ng/L	< 1.2 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
NEtFOSE	20	--	ng/L	< 0.70 U	< 0.79 U	< 0.81 U	< 0.78 U	< 0.81 U
HFPO-DA (GenX)	300	10	ng/L	< 1.2 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
DONA	3,000	--	ng/L	< 0.33 U	< 0.37 U	< 0.38 U	< 0.37 U	< 0.38 U
F-53B Major	--	--	ng/L	< 0.20 U	< 0.22 U	< 0.23 U	< 0.22 U	< 0.23 U
F-53B Minor	--	--	ng/L	< 0.26 U	< 0.30 U	< 0.30 U	< 0.30 U	< 0.31 U

Notes on Page 17.

Table 2
Potable Well Results
Potable Well Sampling Program Annual Summary Report - FTC Sampling Area
Marinette, Wisconsin

Notes:
< = Compound not detected at method detection limit.

(1) = In June 2019, WDHS recommended individual groundwater standards of 20 ng/L for PFOA and PFOS. The WDNR proposed those standards through the state rulemaking process. In February 2022, the Wisconsin Natural Resource Board did not approve the proposed rulemaking for groundwater. In November 2020 the Wisconsin DHS recommended a combined groundwater standard of 20 ng/L for: FOSA, NEtFOSE, NEtFOSA, NEtFOSAA, PFOS and PFOA. DHS also recommended individual standards for FOSA, NEtFOSE, NEtFOSA, NEtFOSAA, PFBS, PFHxS, PFNA, PFDA, PFDoA, PFHxA, PFTeA, PFUnA, PFBA, PFODA, DONA, and GenX. The agency's authority under the scope statement expired in September 2023. In September 2022, the Governor approved a Statement of Scope to establish groundwater standards for PFOA, PFOS, PFBS and GenX (referred to as the "Four PFAS"). The Statement of Scope was approved by the Natural Resources Board in December 2022. Pursuant to state law, the WDNR has stopped work on the proposed rule and notified the state legislature that, following economic analysis, the proposed costs would exceed statutory thresholds. As a result, the WDNR cannot continue the rulemaking without authorization from the state legislature.

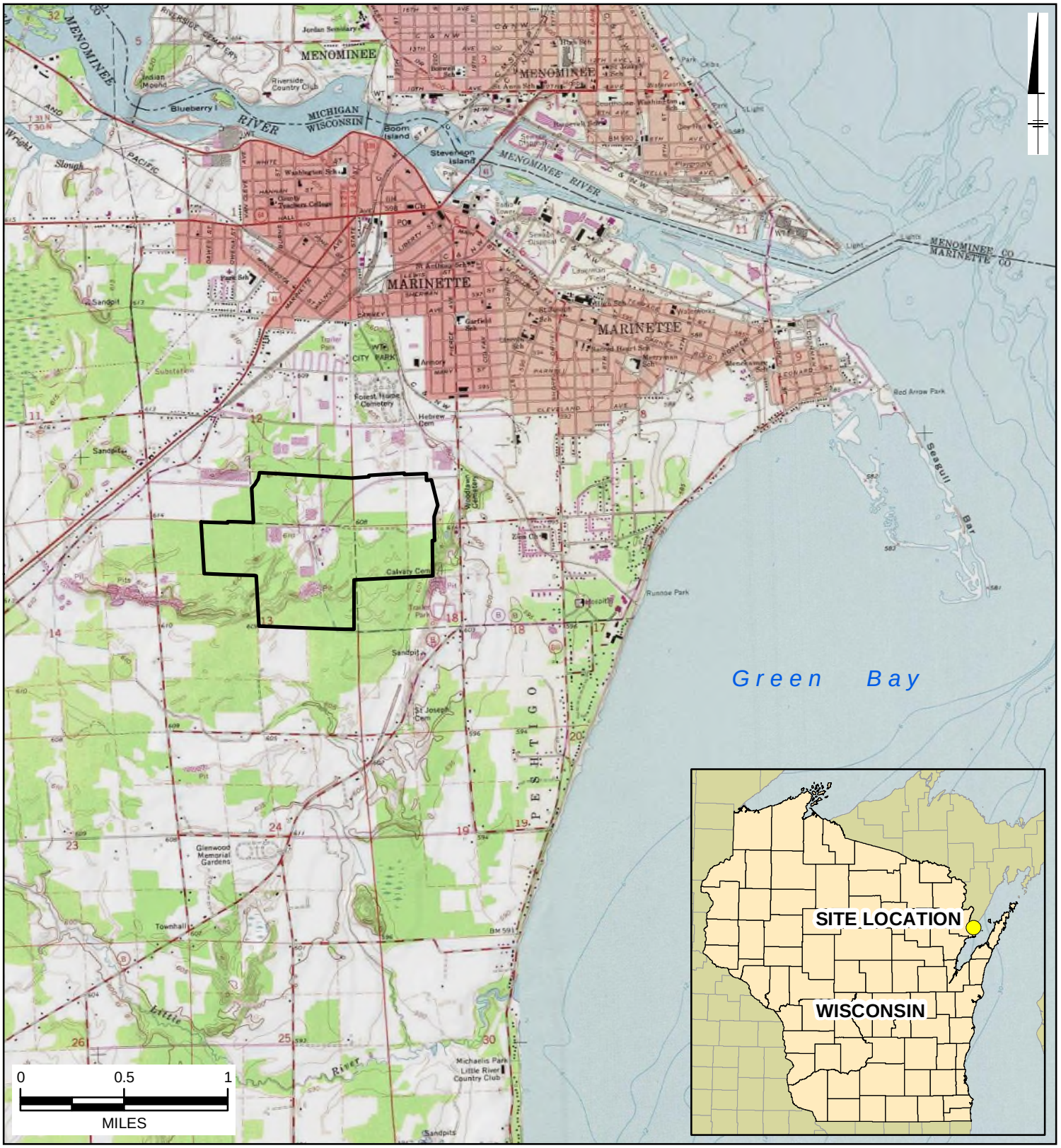
(2) = In 2024, the US EPA established individual Maximum Contaminant Levels in drinking water for a number of substances, including PFOA, PFOS, PFHxS, PFNA, and HFPO-DA; and for mixtures containing two or more of PFHxS, PFNA, HFPO-DA and PFBS calculated as a Hazard Index. These standards do not apply to private drinking water wells.

-- = No standard
FD = Field Duplicate
N = Normal sample
ng/L = nanograms per liter
- = Information gathered from sampling log according to homeowners
+ = Information gathered from well construction form
+, - = Information gathered from well construction form, but information also available from sampling log
Detailed well depth in feet
POET (Point of Entry Treatment) = Sample collected as part of the POET system monitoring program
POET Effluent = Effluent sample collected prior to granular activated carbon change
Spring = Sample collected as part of the the specified potable well sampling event

Data Qualifier:
U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample
D = Dilution required for sample analysis
UJ = The compound was not detected above the reported sample method detection limit. However, the reported limit is approximate and may or may not represent the actual method detection limit.
UB = Compound considered non-detect at the listed value due to associated blank contamination.
J- = The result is an estimated quantity. The associated numerical value is expected to have a negative or low bias.
J+ = The result is an estimated quantity. The associated numerical value is expected to have a positive or high bias.
UJ- = The compound was not detected above the reported sample method detection limit. However, the reported limit is expected to be biased low and may or may not represent the actual method detection limit.

Chemical Abbreviations:
PFOA = Perfluorooctanoic acid (C8)
PFOS = Perfluorooctanesulfonic acid (C8)
PFBS = Perfluorobutanesulfonic acid (C4)
PFHpA = Perfluoroheptanoic acid (C7)
PFHxS = Perfluorohexanesulfonic acid (C6)
PFNA = Perfluorononanoic acid (C9)
PFDA = Perfluorodecanoic acid (C10)
PFDoA = Perfluorododecanoic acid (C12)
PFHxA = Perfluorohexanoic acid (C6)
PFTeA = Perfluorotetradecanoic acid (C14)
PFTriA = Perfluorotridecanoic acid (C13)
PFUnA = Perfluoroundecanoic acid (C11)
NEtFOSAA = N-ethylperfluorooctanesulfonamidoacetic acid (C12)
NMeFOSAA = N-methylperfluorooctanesulfonamidoacetic acid (C11)
PFBA = Perfluorobutanoic acid (C4)
PFPeA = Perfluoropentanoic acid (C5)
PFHxDA = Perfluoro-n-hexadecanoic acid (C16)
PFODA = Perfluoro-n-octadecanoic acid (C18)
PFPeS = Perfluoropentanesulfonic acid (C5)
PFHpS = Perfluoroheptanesulfonic acid (C7)
PFNS = Perfluorononanesulfonic acid (C9)
PFDS = Perfluorodecanesulfonic acid (C10)
PFDoS = Perfluorododecanesulfonic acid (C12)
FOSA = Perfluorooctanesulfonamide (C8)
NEtFOSA = N-ethylperfluorooctanesulfonamide (C10)
NMeFOSA = N-methylperfluorooctanesulfonamide (C9)
NMeFOSE = N-methylperfluorooctanesulfonamidoethanol (C11)
NEtFOSE = N-ethylperfluorooctanesulfonamidoethanol (C12)
4:2 FTS = 4:2 fluorotelomer sulfonate (C6)
6:2 FTS = 6:2 fluorotelomer sulfonate (C8)
8:2 FTS = 8:2 fluorotelomer sulfonate (C10)
10:2 FTS = 10:2 fluorotelomer sulfonate (C12)
ADONA = 4,8-Dioxa-3H-perfluorononanoic acid (C7)
HFPO-DA (GenX) = Hexafluoropropylene oxide dimer acid (C6)
F-53B Major = 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (C8)
F-53B Minor = 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (C10)

Figures



LEGEND:

APPROXIMATE SITE PROPERTY BOUNDARY

NOTES:

1. TOPOGRAPHIC MAP SOURCE: COPYRIGHT:© 2013 NATIONAL GEOGRAPHIC SOCIETY, I-CUBED, ACCESSED JANUARY 2022.

TYCO FIRE PRODUCTS LP
MARINETTE, WISCONSIN

SITE LOCATION

ARCADIS

FIGURE
1

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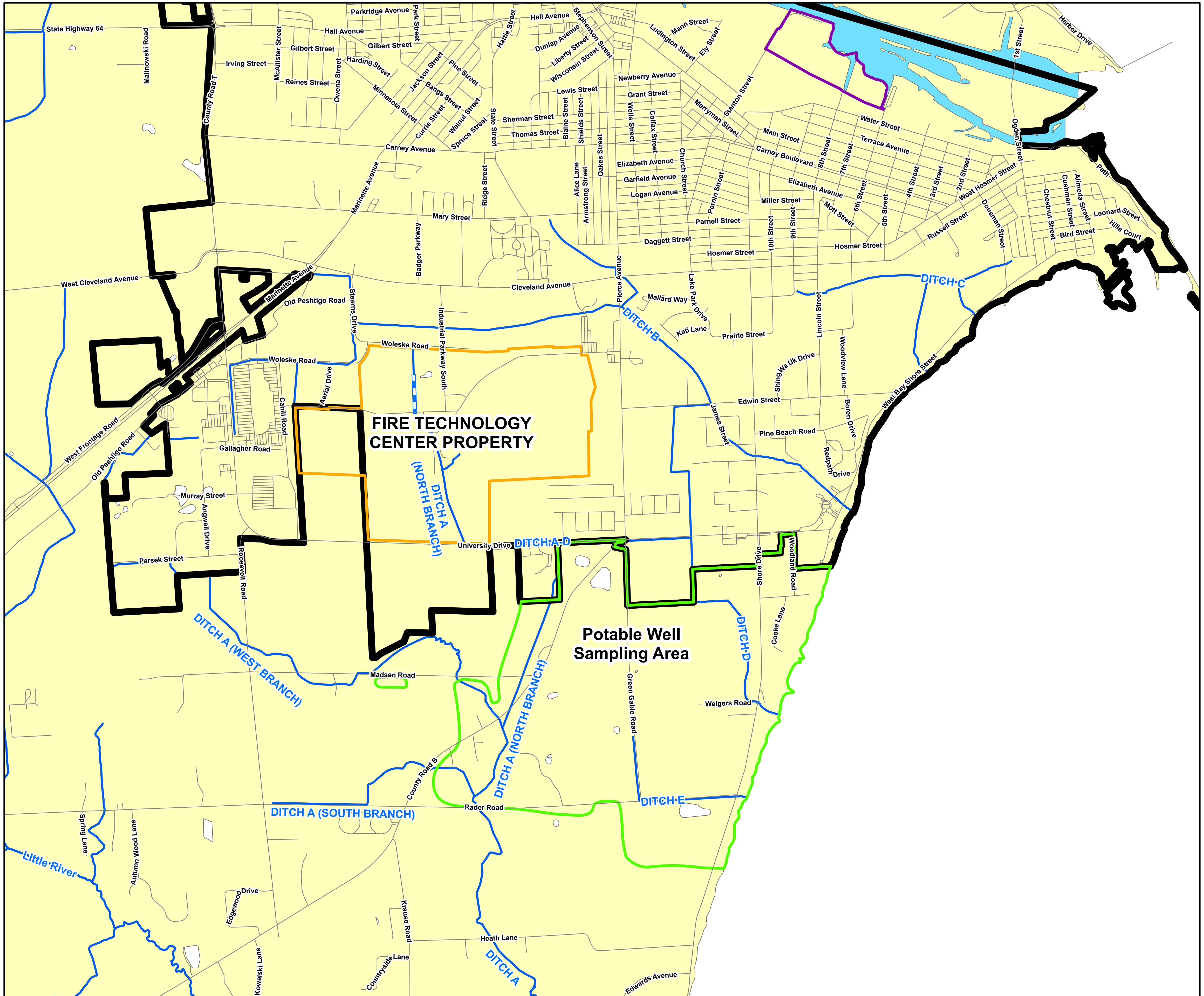


LEGEND:

- POTABLE WELL SAMPLING AREA
- APPROXIMATE STANTON STREET FACILITY PROPERTY BOUNDARY
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- WATERBODY
- DITCH OR STREAM
- ROAD

0 2,000 4,000

SCALE IN FEET

TYCO FIRE PRODUCTS LP
MARINETTE, WISCONSIN

POTABLE WELL SAMPLING AREA

ARCADIS

FIGURE
2

T:_ENV\TYCO_PRO_REPORT_FIGURES\FTC\Comprehensive_Alternative_Water_Management_Plan_V2\Comprehensive_Alternative_Water_Management_Plan.aprx Figure4_PotableWell_SamplingArea 3/19/2024 11:30 AM

LEGEND:

- POTABLE WELL SAMPLING AREA
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- ROAD
- DITCH OR STREAM
- CULVERT
- POTABLE WELL LOCATION WITH POET SYSTEM INSTALLED
- POTABLE WELL LOCATION
- ABANDONED POTABLE WELL LOCATION WITH POET SYSTEM REMOVED
- ABANDONED POTABLE WELL LOCATION

NOTES:

1. WELL LOCATIONS ARE APPROXIMATE.
2. ALL WELLS ARE SAND POINTS.
3. WS-106R IS A DRILLED WELL TO 37 FEET AND WS-146B IS A HAND DRILLED WELL TO 65 FEET.
4. WS-106R IS A REPLACEMENT WELL FOR A SAND POINT WELL THAT WAS DRILLED TO 37 FEET.

0 900 1,800

SCALE IN FEET

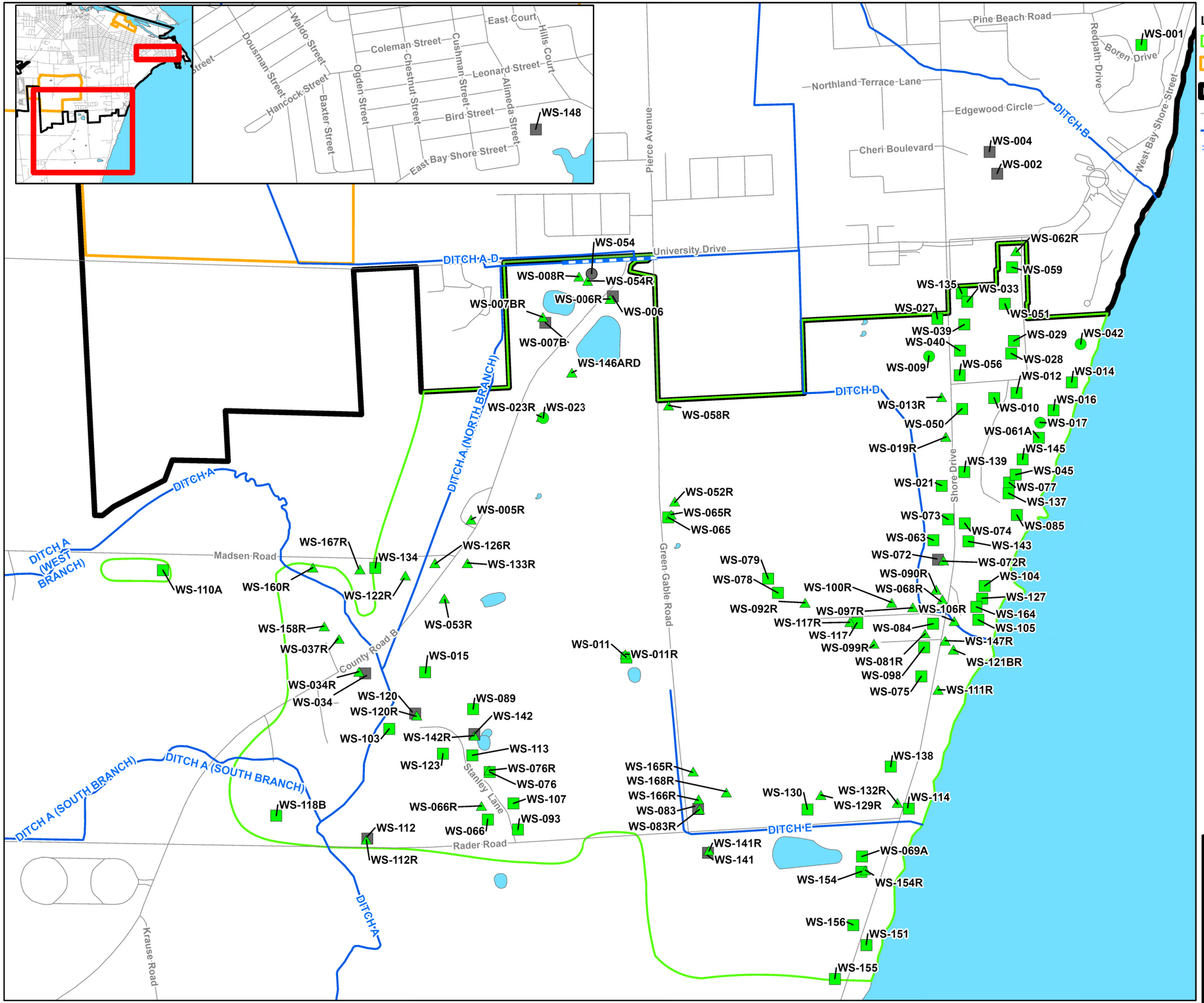
TYCO FIRE PRODUCTS LP
MARINETTE, WISCONSIN

POTABLE WELL LOCATIONS - SAND POINT WELLS < 37 FEET

ARCADIS

FIGURE 3

T:_ENV\TYCO_PRO_REPORT_FIGURES\FTC\RevisedLT_PWSP_V7\RevisedLT_PWSP_V7\RevisedLT_PWSP_V7.apnx Figure2_PotableWell_Shallow 7/31/2024 2:01 PM



LEGEND:

- POTABLE WELL SAMPLING AREA
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- ROAD
- DITCH OR STREAM
- CULVERT
- POTABLE WELL LOCATION WITH POET SYSTEM INSTALLED
- POTABLE WELL LOCATION
- DEEP REPLACEMENT POTABLE WELL LOCATION
- ABANDONED POTABLE WELL LOCATION WITH POET SYSTEM REMOVED
- ABANDONED POTABLE WELL LOCATION

NOTES:

1. WELL LOCATIONS ARE APPROXIMATE.
2. ALL WELLS ARE DRILLED WELLS.

0 900 1,800

SCALE IN FEET

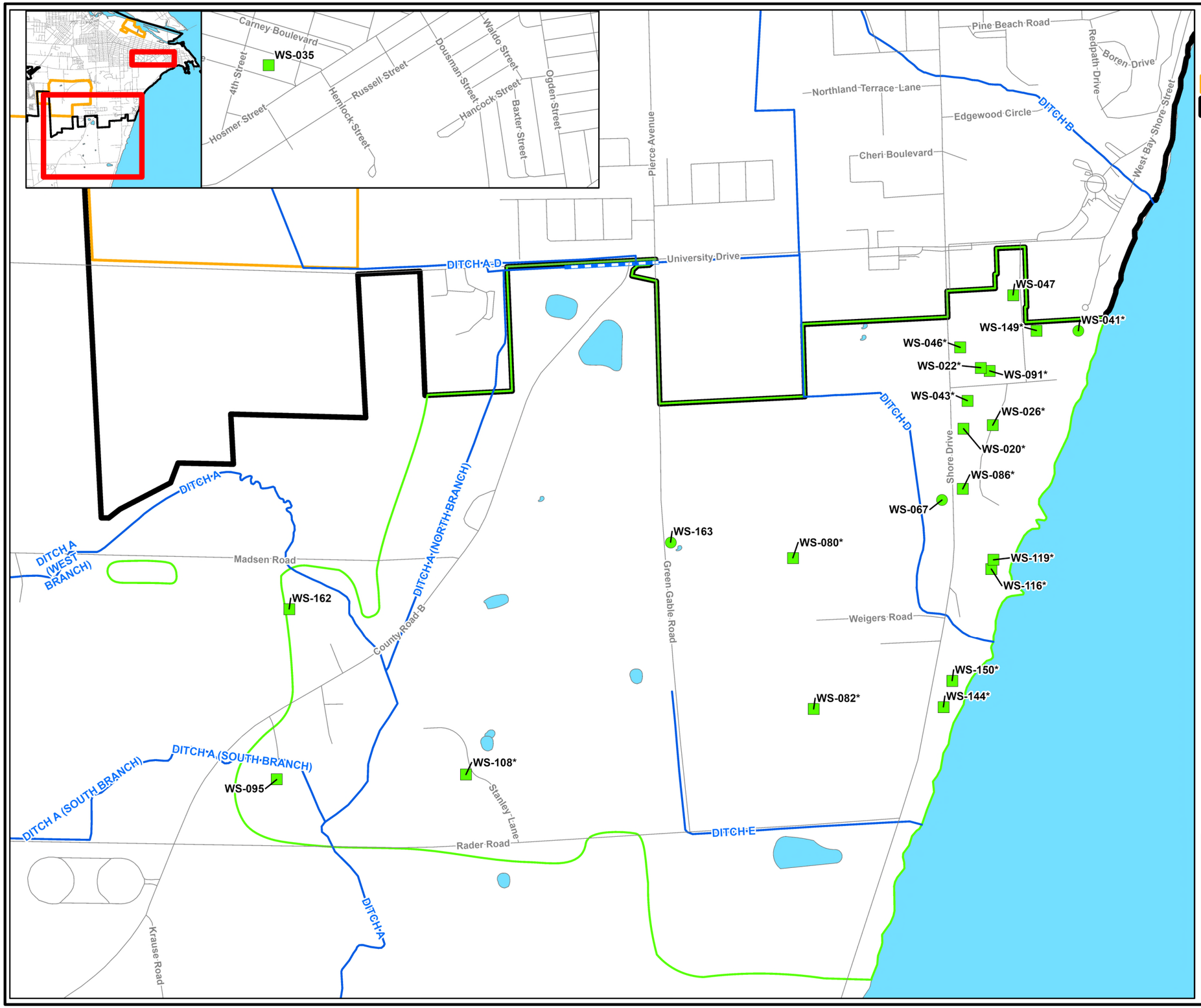
TYCO FIRE PRODUCTS LP
MARINETTE, WISCONSIN

POTABLE WELL LOCATIONS - DRILLED WELLS > 37 FEET

ARCADIS

FIGURE 4

T:_ENV\TYCO_PRO_REPORT_FIGURES\FTC\RevisedLT_PWSP_V7\RevisedLT_PWSP_V7\RevisedLT_PWSP_V7.aprx Figure3_PotableWell_Deep 7/31/2024 1:57 PM



LEGEND:

- POTABLE WELL SAMPLING AREA
- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE MARINETTE CITY BOUNDARY
- ROAD
- DITCH OR STREAM
- POTABLE WELL LOCATION WITH POET SYSTEM INSTALLED
- POTABLE WELL LOCATION

NOTES:

1. WELL LOCATIONS ARE APPROXIMATE.
2. * - INDICATES THE WELL IS DRILLED BUT THE DEPTH IS UNKNOWN.

0 900 1,800

SCALE IN FEET

TYCO FIRE PRODUCTS LP
MARINETTE, WISCONSIN

POTABLE WELL LOCATIONS - UNKNOWN WELL DEPTHS

ARCADIS

FIGURE
5

T:_ENV\TYCO_PRO_REPORT_FIGURES\FTC\RevisedLT_PWSP_V7\RevisedLT_PWSP_V7\RevisedLT_PWSP_V7.aprx Figure4_PotableWell_UnknowDepth 7/31/2024 2:01 PM

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