**State of Wisconsin**
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March 24, 2026

MS. DENICE NELSON
JOHNSON CONTROLS, INC
5757 N. GREEN BAY AVENUE
MILWAUKEE, WI 53209

*Via Email Only to denice.karen.nelson@jci.com*

SUBJECT: Final Interim Action Report
Potable Well Sampling Area Drinking Water Update – Addendum #1
JCI/Tyco FTC PFAS, 2700 Industrial Parkway South, Marinette, WI
BRRTS #02-38-580694

Dear Ms. Nelson:

On Jan 30, 2026, the Wisconsin Department of Natural Resources (DNR) received the *Final Interim Action Report: Potable Well Sampling Area Drinking Water Update – Addendum #1* ("Deep Well Report - Addendum #1") for the above-referenced site (the "Site"). The report was submitted by Arcadis U.S., Inc. (Arcadis), on behalf of Johnson Controls, Inc., and Tyco Fire Products LP (JCI/Tyco) and was accompanied by the fee required under Wisconsin Administrative Code (Wis. Admin. Code) § NR 749.04(1) for DNR review and response.

**Background**

JCI/Tyco is investigating and responding to the discharge of per- and polyfluoroalkyl substances (PFAS) to the environment at the JCI/Tyco Fire Technology Center (FTC), located at 2700 Industrial Parkway South in Marinette, Wisconsin.

PFAS from the FTC have impacted private drinking water wells in the area. For parcels within an area called the Potable Well Sampling Area (PWSA), JCI/Tyco has offered new deep wells to all parcels within the geographic area. This includes households on 169 developed parcels and one well to each of the 33 undeveloped parcels should those parcels be developed in the future.

On Oct. 7, 2025, the DNR received the Deep Well Report, which documented the construction of 134 deep private wells, initial testing results from the raw water collected from 109 of these wells and the testing results of treated drinking water, delivered at the kitchen tap, from 103 of these wells. The DNR reviewed and responded to the original Deep Well Report on Dec. 18, 2025. (Refer to this letter for more background and review comments.)

JCI/Tyco anticipated doing additional installation and testing of deep private wells in the PWSA. Addenda to the Deep Well Report are required under Wis. Admin. Code ch. NR 724 to document the construction and monitoring of all new deep private wells installed in the PWSA.

**Summary of Deep Well Report – Addendum #1**

The Deep Well Report – Addendum #1 documents the activities related to the installation and sampling deep private wells in the PWSA that JCI/Tyco completed between Oct. 1 and Dec. 31, 2025, which includes:

- Installation of five new deep private wells, bringing the total to 139 deep private wells in the PWSA.
- Well construction and abandonment forms associated with the five new deep private wells and forms associated with prior installations that were not included in the original Deep Well Report.
- Sampling results through Dec. 2025 for deep private wells. This included raw water from six new deep wells and treated water from the kitchen tap at 38 households with a new deep well.

The data provided in Deep Well Report – Addendum #1 are consistent with the findings and conclusions from the original Deep Well Report and review comments summarized in the DNR's Dec. 18, 2025, letter.

**Review and Next Steps:**

At this time, while JCI/Tyco continues to install and monitor new deep private wells in the PWSA, the Next Steps identified in the DNR's review letter dated Dec. 18, 2025, are still applicable. However, please note the updates below based on the DNR's review of Deep Well Report – Addendum #1.

When JCI/Tyco submits its next addendum to the Deep Well Report, the following items should be addressed:

- Well Abandonment and Construction Forms: Many of the well construction reports and well abandonment forms previously identified as missing in the original Deep Well Report were submitted or identified as pending in Deep Well Report – Addendum #1. However, a small number of the forms are still missing – the missing forms are summarized in **Attachment A.** Include or otherwise address these missing forms in the next submittal.

- Sampling Results: The testing data for deep private wells that was tabulated in the original Deep Well Report were for samples collected through July 2025. The data for samples collected between July and Oct. 1, 2025, were not included in the Deep Well Report – Addendum #1. In addition, Addendum #1 did not include the testing results for the raw water from deep private wells WS-105R, WS-151R and WS-156R, which were sampled during the reporting period (Oct. 1 to Dec. 31, 2025). Provide the missing data in summary tables in the next submittal.

- FOSA: PFAS have not been detected over the laboratory's reporting limit in the raw water samples collected from the deep private wells in the PWSA, with the exception of perfluorooctane sulfonamide (FOSA) at six locations. Previously, the DNR requested that JCI/Tyco resample the deep private wells where FOSA was detected over the reporting limit to evaluate if the results are representative of the water quality in the deep aquifer at these locations. JCI/Tyco has responded in the affirmative to the DNR's request to resample these wells. Include the testing results and findings and conclusions for the resampling of these deep private wells in the next submittal.

As a reminder, this Site is subject to an enforcement action and therefore all submittals to the DNR under Wis. Admin. Code chs. NR 700-799 and submittals directed by the DNR must be accompanied by a Wis. Admin. Code ch. NR 749 fee per Wis. Stat. § 292.94. These fees are not pro-ratable or refundable per Wis. Admin. Code § NR 749.04(1). If you have any questions about whether to include a fee with a submittal, please contact DNR staff prior to submitting a document without a fee.

If you have any questions, please contact me at Alyssa.Sellwood@wisconsin.gov or (608) 622-8606.

Sincerely,

Alyssa Sellwood, PE
Water Resources Engineer
Remediation & Redevelopment Program

Attachments: Attachment A: Missing Well Construction and Well Abandonment Logs

cc: Jodie Thistle, DNR (via email: Jodie.Thistle@wisconsin.gov)
Kyle Burton, DNR (vail email: Kyle.Burton@wisconsin.gov)

**Attachment A**
**Missing Well Construction and Well Abandonment Logs**

| JCI/Tyco Well ID | Missing Replacement Well Construction Log? (WI Well ID) | Missing Well Abandonment Log? |
|---|---|---|
| WS-049 | | YES |
| WS-055 | YES (AAE191) | YES |
| WS-058 | **YES [1] (ABV047)** | |
| WS-063 | **YES (ABV783)** | |
| WS-072 | **YES (AAW650)** | |
| WS-082C | | **YES** |
| WS-082D | | **YES** |
| WS-101 | YES (AAE192) | YES |
| WS-108 | YES (AAE190) | YES |
| WS-121A | | **YES** |
| WS-126 | | YES |
| WS-138 | **YES [2] (AAE189**) | |
| WS-144 | | YES |
| WS-161 | | YES |
| WS-165 | | **YES** |
| WS-170 | | YES |
| WS-171 | | **YES** |

[1] A construction log was provided in the Oct. 2025 report but it does not show the liner.

[2] A well construction log was provided for this address in the Jan. 2026 report but it is for WI Well ID YC726, which was installed in 2017.

= Acknowledged as pending in the Jan. 2026 report.

**BOLD** = Missing well construction or abandonment log, not identified as pending in the Jan. 2026 report.