



March 16, 2022

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

MR. SCOTT WAHL
TYCO FIRE PRODUCTS LP
1 STANTON STREET
MARINETTE, WI 54143

Via Email Only to denice.karen.nelson@jci.com and scott.wahl@jci.com

SUBJECT: 2021 Foam Monitoring Interim Action Report and Work Plan Modifications
JCI/Tyco FTC PFAS, 2700 Industrial Parkway South, Marinette, WI
BRRTS #02-38-580694

Dear Ms. Nelson and Mr. Wahl:

On February 15, 2022, the Wisconsin Department of Natural Resources (DNR) received the *2021 Foam Monitoring Interim Action Report and Foam Monitoring Work Plan Modifications* (the “2021 Foam Report”). The report was submitted by Arcadis U.S., Inc. (Arcadis) on behalf of Johnson Controls, Inc. and Tyco Fire Products LP (JCI/Tyco) for the above-referenced site (the “Site”) and was accompanied by the appropriate fee of \$425 required under Wisconsin Administrative Code (Wis. Adm. Code) § NR 749.04(1), for formal DNR review and response.

Summary

The 2021 Foam Report documented the results of JCI/Tyco’s interim action to monitor and collect foam in Ditches A, B, C, D and E during calendar year 2021. The monitoring, collection, and reporting were completed in accordance with the April 14, 2021 Revised Foam Monitoring Plan (“Foam Monitoring Plan”).

In 2021, foam was not observed in Ditches A, D, and E, was observed once in Ditch C and was observed on 17 separate occasions in Ditch B. The foam collected from Ditches B and C was characterized and disposed of off-site. The concentrations of PFAS in the foam were significantly higher than concentrations of PFAS previously detected in the surface water in these two ditches. This amplification in the concentration of PFAS in surface water foams is expected based on the physical properties of PFAS.

Because foam was not observed or was observed infrequently during daily inspections in 2021, JCI/Tyco proposed to modify the Foam Monitoring Plan to decrease the frequency of inspections. Starting in 2022, JCI/Tyco plans to monitor ditches A, C, D, and E for foam once per week and Ditch B twice per week. If foam is reported to JCI/Tyco by others in the community prior to a routine inspection, JCI/Tyco will collect the foam as soon as practicable. For any ditch where foam is observed, daily inspections will resume at that location until foam is not observed for 3 consecutive days.

DNR Review and Next Steps

The DNR reviewed the 2021 Foam Report and found that JCI/Tyco's monitoring, collection and reporting were completed in accordance with the Foam Monitoring Plan.

The DNR concurs with the proposed modifications to the monitoring frequency for the Foam Monitoring Plan. Please continue to implement the interim action to collect foam in Ditches A, B, C, D and E in accordance with the Foam Monitoring Plan, as recently updated.

Although PFAS can be detected in remote locations away from sources, these ditches are within the degree and extent of PFAS contamination for the FTC Site. To minimize confusion, the DNR requests that JCI/Tyco modify the text in future Annual Foam Reports to deemphasize the focus on PFAS being ubiquitous in the environment (e.g., in the third paragraph and the second enumerated bullet under Analytical Results and Significance).

For subsequent Annual Foam Reports, the DNR waives the Wis. Adm. Code § NR 749.04(1) review fee. However, if JCI/Tyco proposes changes to the Foam Monitoring Plan, then the report proposing modifications to the plan should be accompanied by an Wis. Adm. Code ch. NR 749 fee per Wis. Stat. § 292.94 for DNR review and response. If you have any questions about whether to include a fee with a submittal, please contact DNR staff to discuss prior to the submittal.

The DNR appreciates your efforts to implement this interim action at this Site. If you have any questions about this letter, please contact me, the DNR Project Manager, at (608) 622-8606 or Alyssa.Sellwood@wisconsin.gov.

Sincerely,



Alyssa Sellwood, PE
Complex Sites Project Manager
Remediation & Redevelopment Program

cc: Jodie Peotter, DNR (via email: Jodie.peotter@wisconsin.gov)