

Ms. Alyssa Sellwood  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
101 South Webster Street  
Madison, Wisconsin 53707-7921

Arcadis U.S., Inc.  
126 North Jefferson  
Street  
Suite 400  
Milwaukee  
Wisconsin 53202  
Phone: 414 276 7742  
Fax: 414 276 7603  
[www.arcadis.com](http://www.arcadis.com)

Date: July 15, 2024

Subject: Q2 2024 Project Status; Tyco Fire Technology Center (FTC) PFAS at 2700 Industrial Parkway South and Stanton Street PFAS at One Stanton Street, Marinette, Wisconsin  
BRRTS Activity#: 02-38-580694 and 02-38-581955

Dear Ms. Sellwood,

On behalf of Tyco Fire Products LP (Tyco), Arcadis submits this status report to summarize activities completed, data collected, corrective actions, and WDNR/Tyco correspondence for Q2 2024, as well as planned activities for the upcoming quarter (Q3 2024). As noted in previous quarterly status reports to WDNR, Tyco will continue to provide updates on a quarterly basis to reflect current and planned activities.

## PROJECT STATUS

Below is a summary of the project status for the Tyco Fire Technology Center (FTC) and Stanton Street facilities and long-term drinking water supply for the period from April 1, 2024 to June 30, 2024 (Q2 2024) and planned activities from July 1, 2024 to September 30, 2024 (Q3 2024).

### Activities Completed

#### Field Work

- April 1, 2024 to June 30, 2024 – Point-of-Entry Treatment (POET) system sampling and operation, maintenance, and monitoring (OMM)
- April 1, 2024 to June 30, 2024 – Private well sampling
- April 1, 2024 to June 30, 2024 – Ditch A Treatment System OMM, weekly and quarterly sampling for the Wisconsin Pollution Discharge Elimination System (WPDES) permit, monthly downstream surface water sampling
- April 1, 2024 to June 30, 2024 – Ditch B Treatment System OMM, weekly and quarterly sampling for the WPDES permit, monthly downstream surface water sampling
- April 1, 2024 to June 30, 2024 – Deep private well installations (12 locations)
- April 1, 2024 to June 30, 2024 – Short-Term Phase groundwater monitoring associated with the July 2021 Groundwater Extraction and Treatment System (GETS) Long-Term Monitoring (LTM) Plan
- April 1, 2024 to June 30, 2024 – Deep monitoring well quarterly sampling
- April 1, 2024 to June 30, 2024 – Continued operation of the GETS

- April 1, 2024 to June 30, 2024 – Weekly foam monitoring at Ditch A through Ditch E, foam observed and collected from Ditch B, no foam observed at Ditch A and C through E
- April 15, 2024 to June 1, 2024 – Complete vertical aquifer profiling (VAP) sampling and monitoring well installations in accordance with the August 2023 Additional Site Investigation Work Plan for the FTC
- April 19, 2024 – Replacement of ion exchange resin at the GETS
- June 11, 2024 to June 26, 2024 – Surface water and groundwater monitoring in accordance with the March 2024 Interim LTM Plan for Groundwater and Surface Water for the FTC
- June 17, 2024 to June 20, 2024 – Groundwater sampling in accordance with the May 2024 Additional Site Investigation Work Plan for Stanton Street
- June 20, 2024 – Semi-annual FTC and Stanton Street sanitary sewer outfall sampling
- June 27, 2024 – Changeout of the impellers on pumps P-430A&B from a smaller to a larger impeller size to allow for additional head (at the permitted flow rate) when pumping through the existing granular activated carbon (GAC) and resin vessels; This change also required that the motor on each pump be changed to accommodate the higher head requirements

#### **Deliverables Submitted to WDNR**

- April 1, 2024 – Deep Aquifer Bedrock Well Design and Long-Term Monitoring Work Plan – Interim Action Status Update; Tyco FTC
- April 1, 2024 – Revised Comprehensive Alternative Water Management Plan; Tyco FTC
- April 1, 2024 – Revised Long-Term Potable Well Sampling Plan, v.9; Tyco FTC
- April 9, 2024 – Summary of Material Management Plan Activities, Stormwater Separation Project; Stanton Street
- April 15, 2024 – Q1 2024 Project Status; Tyco FTC, Stanton Street
- April 19, 2024 – Ditch A, Ditch B, and GETS Monthly WPDES Discharge Monitoring Reports (March 2024); Tyco FTC
- April 22, 2024 – Ditch B Semi-Annual Operation, Maintenance, and Optimization Progress Report #9; Tyco FTC
- April 26, 2024 – Ditch A Semi-Annual Operation, Maintenance, and Optimization Progress Report #10; Tyco FTC
- May 8, 2024 – Proposed Groundwater Monitoring Plan (VOCs); Tyco FTC
- May 17, 2024 – Deep Aquifer Bedrock Well Design and Long-Term Monitoring Work Plan – Interim Action Status Update; Tyco FTC
- May 20, 2024 – May 2024 Additional Site Investigation Work Plan; Stanton Street
- May 21, 2024 – Ditch A, Ditch B, and GETS Monthly WPDES Discharge Monitoring Reports (April 2024); Tyco FTC
- May 29, 2024 – Exemption Request for Reuse of On-Site Soils, Construction at Building 114 Project; Tyco FTC
- May 31, 2024 – Deep Aquifer Bedrock Well Design and Long-Term Monitoring Update – Quarterly Deep Private Well Update (March – May 2024); Tyco FTC
- May 31, 2024 – Modification to the GETS; Tyco FTC
- June 3, 2024 – Response to April 17, 2024 Comments – Response to Interim Long Term Monitoring Plan for Groundwater and Surface Water; Tyco FTC
- June 3, 2024 – GETS Semi-Annual Monitoring – November 13, 2023 through May 12, 2024; Tyco FTC

Ms. Alyssa Sellwood  
Wisconsin Department of Natural Resources  
July 15, 2024

- June 21, 2024 – Ditch A, Ditch B, and GETS Monthly WPDES Discharge Monitoring Reports (May 2024); Tyco FTC
- June 24, 2024 – Response to May 8, 2024 Comments – Response to Revised Comprehensive Alternative Water Management Plan; Tyco FTC

### WDNR/Tyco Correspondence

#### Tyco Submittal to WDNR

- April 5, 2024; April 18, 2024; May 3, 2024; May 21, 2024; June 10, 2024; June 18, 2024; June 28, 2024 – Database Uploads
- April 3, 2024; May 7, 2024; May 28, 2024 – Sample Results Notifications
- April 12, 2024; April 17, 2024; April 23, 2024; April 29, 2024; May 2, 2024; May 6, 2024; May 9, 2024; May 15, 2024; May 20, 2024; May 23, 2024; May 27, 2024; May 30, 2024; June 3, 2024; June 6, 2024; June 10, 2024; June 12, 2024; June 26, 2024 – Foam Observation Notifications

#### WDNR Submittal to Tyco

- April 17, 2024 – Response to Interim Long Term Monitoring Plan for Groundwater and Surface Water; BRRTS #02-38-580694
- May 8, 2024 – Response to Revised Comprehensive Alternative Water Management Plan; BRRTS #02-38-580694
- May 29, 2024 – Semi-Annual Operation, Maintenance, and Optimization Progress Report #10 Ditch A Interim Action Treatment System (July 1 – Dec. 31, 2023); BRRTS #02-38-580694
- May 29, 2024 – Semi-Annual Operation, Maintenance, and Optimization Progress Report #9 Ditch B Interim Action Treatment System (July 1 – Dec. 31, 2023); BRRTS #02-38-580694
- May 30, 2024 – Response to Deep Aquifer Bedrock Well Design and Long-Term Monitoring Work Plan – Interim Action Status Update; BRRTS #02-38-580694

#### WDNR/Tyco Summits and Periodic Meetings

- Weekly calls between WDNR and Tyco
- April 24, 2024; June 11, 2024 – Community update communications and corresponding Tyco website updates

### Planned Activities

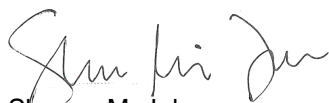
- Continue field work related the GETS LTM Plan Short-Term Monitoring Phase and optimization activities
- Continued field work related to the FTC Interim LTM Plan for Groundwater and Surface Water
- Continue field work related to the FTC 2023 Additional SIWP and in consideration of November 17, 2023 WDNR comments on the 2023 Additional SIWP
- Continue foam monitoring activities at Ditch A through Ditch E
- Continue outreach to Town of Peshtigo residents in the Potable Well Sampling Area (PWSA) to implement long-term drinking water solution(s)
- Continue installation of private deep drinking water wells
- Continue sampling of deep monitoring wells

Ms. Alyssa Sellwood  
Wisconsin Department of Natural Resources  
July 15, 2024

- Continue OMM activities associated with the LTM Plan and reporting for the Ditch A and B Treatment Systems
- Continue OMM activities associated with the GETS building
- Begin addition of hydrogen peroxide as oxidant in the GETS, following WDNR approval
- Prepare permit requests for the installation of additional extraction wells and associated infrastructure, as well as modifications to the treatment system to treat the additional flow; The permits will consist of modification requests for the existing WPDES permit, high capacity well permits, and the wetland permits associated with the original system construction; Each permit will be submitted to the appropriate WDNR staff for review and approval
- Pilot testing of new solids handling system at the GETS
- Continue quarterly private well sampling and POET OMM per the Revised Long-Term Potable Well Sampling Plan, v.9

Tyco and Arcadis appreciate WDNR's collaboration on this project. Should you have any questions, please contact the undersigned.

Sincerely,  
Arcadis U.S., Inc.



Shauna M. Johnson  
Senior Environmental Specialist

Email: [shauna.johnson@arcadis.com](mailto:shauna.johnson@arcadis.com)  
Direct Line: 312-575-3732  
Mobile: 312-520-0305

CC. Denice Nelson