

Ms. Alyssa Sellwood  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
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Date: January 13, 2023

Subject: Q4 2022 Project Status; Tyco Fire Technology Center (FTC) PFAS at 2700 Industrial Parkway South, Stanton Street PFAS at One Stanton Street, and Land Applied Biosolids Area, Marinette, Wisconsin  
BRRTS Activity#: 02-38-580694, 02-38-581955, and 02-38-583856

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 Q4 2022, as well as planned activities for the upcoming quarter (Q1 2023). 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 October 1, 2022 to December 31, 2022 (Q4 2022) and planned activities from January 1, 2023 to March 31, 2023 (Q1 2023).

### Activities Completed

#### Field Work

- October 1, 2022 to December 31, 2022 – Ditch A treatment system operation, maintenance, and monitoring (OMM): the channel was dry during this quarter, therefore weekly and quarterly sampling for the Wisconsin Pollutant Discharge Elimination System (WPDES) permit, and monthly downstream surface water sampling were not collected
- October 1, 2022 to December 31, 2022 – Point-of-Entry Treatment (POET) system sampling and OMM
- October 1, 2022 to December 31, 2022 – Private well sampling
- October 1, 2022 to December 31, 2022 – Ditch B treatment system OMM, weekly and quarterly sampling for the WPDES permit, and monthly downstream surface water sampling
  - Monitoring for foam was conducted per the foam monitoring work plan for Ditches A-E, and no foam was observed during this period
- October 1, 2022 to November 14, 2022 – On-going utility locating, drilling, vertical aquifer profiling, bedrock investigation, and monitoring well installations associated with the February 2022 FTC Additional Site Investigation Work Plan (SIWP)

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- October 12, 2022 – Gauging monitoring wells on and around the Stanton Street facility (completed concurrently with the gauging event completed at the nearby Former Marinette MGP Site by WEC Energy Group’s environmental consultant)
- October 27, 2022 – Surface water sampling in one pond (in lieu of fish tissue sampling) per WDNR via letter dated March 8, 2022
- November 1, 2022 to November 22, 2022 – Comprehensive groundwater monitoring completed within Rights-of-Way and private properties owned by the City of Marinette, the Town of Peshtigo, the County of Marinette, and other private parties in accordance with the February 2022 FTC SIWP
- November 15, 2022 – Deploy transducers in piezometers paired with extraction wells associated with the Groundwater Extraction and Treatment System (GETS)
- November 16, 2022 – November 17, 2022 – Surface water sampling associated with the February 2022 FTC SIWP and July 2021 GETS Long-Term Monitoring (LTM) Plan
- December 5, 2022 – Surveying of newly-installed monitoring wells associated with the February 2022 FTC SIWP
- December 5, 2022 to December 9, 2022 – Startup Phase groundwater and surface water monitoring associated with the July 2021 GETS LTM Plan
- December 1, 2022 to December 6, 2022 – Private deep aquifer drinking water well system installation (two properties)

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

- October 3, 2022 – Revised Long-Term Potable Well Sampling Plan, v.6; Tyco FTC and Stanton Street, Marinette
- October 17, 2022 – Q3 2022 Project Status; Tyco FTC, Stanton Street, and Land Applied Biosolids Area, Marinette
- October 18, 2022 – Response to Comments on 2022 Potable Well Sampling Annual Summary Report
- October 20, 2022 – Marinette High School Irrigation Well Profiling Results; Tyco FTC
- October 20, 2022 – Ditch A and B Monthly WPDES Discharge Monitoring Reports (September 2022); Tyco FTC
- October 25, 2022 – Interim Site Status Update on Land-Applied Biosolids
- October 27, 2022 – Ditch B Semi-Annual Operation, Maintenance, and Optimization Progress Report #6; Tyco FTC
- November 23, 2022 – Draft Project Schedule; Tyco FTC and Stanton Street, Marinette
- November 21, 2022 – Ditch A and B Monthly WPDES Discharge Monitoring Reports (October 2022); Tyco FTC
- December 2, 2022 – GETS Startup Monitoring – Report 1, Week 1; Tyco FTC
- December 9, 2022 – GETS Startup Monitoring – Report 2, Week 2; Tyco FTC
- December 16, 2022 – GETS Startup Monitoring – Report 3, Week 3; Tyco FTC
- December 20, 2022 – Ditch A and B Monthly WPDES Discharge Monitoring Reports (November 2022); Tyco FTC
- December 22, 2022 – GETS Startup Monitoring – Report 4, Week 4; Tyco FTC

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## WDNR/Tyco Correspondence

### Tyco Submittal to WDNR

- October 5, 2022; October 17, 2022; November 1, 2022; November 28, 2022; December 13, 2022; December 23, 2022 – PFAS Database Uploads and GIS Shape Files
- October 5, 2022; November 3, 2022 – Sample Results Notifications

### WDNR Submittal to Tyco

- November 18, 2022 – Response to Potable Well Sampling Area (PWSA) Deep Well Design Plan and Deep Aquifer Long-Term Monitoring Plan; BRRTS #02-38-580694
- November 18, 2022 – Response to 6<sup>th</sup> Revised Long-Term Potable Well Sampling Plan; BRRTS #02-38-580694

### WDNR/Tyco Summits and Periodic Meetings

- Weekly calls between WDNR and Tyco
- October 3, 2022; October 4, 2022; October 27, 2022; November 3, 2022; November 29, 2022 – Community update communications and corresponding Tyco website updates

## Planned Activities

- Continue field work related to the Ditch B GETS LTM Plan startup activities
- Continue field work related to the FTC SIWP and Stanton Street SIWP
- Resume foam monitoring activities at Ditch A through Ditch E once the monitoring locations are ice free
- Continue outreach to Town of Peshtigo residents in the PWSA to determine long-term drinking water solution(s) for the PWSA residents outside of the area currently offered deep wells
- Initiate installation of private deep aquifer drinking water wells
- Complete semi-annual FTC and Stanton Street sanitary sewer outfall sampling and ChemDesign outfall sampling
- Continue OMM activities associated with the LTM Plan and reporting for the Ditch A and B Treatment Systems
- Continue quarterly private well sampling and POET OMM per the Revised Long-Term Potable Well Sampling Plan, v.6

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

Sincerely,  
Arcadis U.S., Inc.



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CC. Denice Nelson