

Ms. Alyssa Sellwood
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
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Date: January 16, 2024
Subject: Q4 2023 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 Q4 2023, as well as planned activities for the upcoming quarter (Q1 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 October 1, 2023 to December 31, 2023 (Q4 2023) and planned activities from January 1, 2024 to March 31, 2024 (Q1 2024).

Activities Completed

Field Work

- October 1, 2023 to December 31, 2023 – Point-of-Entry Treatment (POET) system sampling and operation, maintenance, and monitoring (OMM)
- October 1, 2023 to December 31, 2023 – Private well sampling
- October 1, 2023 to December 31, 2023 – Ditch A Treatment System OMM: no flow present during this quarter
- October 1, 2023 to December 31, 2023 – Ditch B Treatment System OMM, weekly and quarterly sampling for the WPDES permit, monthly downstream surface water sampling, and daily/weekly monitoring and collection of surface water foam
- October 1, 2023 to December 31, 2023 – Deep private well installations (8 locations)
- October 1, 2023 to December 31, 2023 – Short-Term Phase groundwater and surface water monitoring associated with the July 2021 Groundwater Extraction and Treatment System (GETS) Long-Term Monitoring (LTM) Plan
- October 1, 2023 to December 31, 2023 – Deep monitoring well installations (2 locations)

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- October 1, 2023 to December 31, 2023 – Deep monitoring well baseline and quarterly sampling
- October 1, 2023 to December 15, 2023 – Weekly Foam Monitoring at Ditch A through Ditch E, only 2 gallons of foam observed and collected at Ditch B during the beginning of October, booms removed on December 15 from each Ditch in preparation for winter and monitoring ceased
- October 25, 2023 – Surface water sampling in the Menominee River associated with Stanton Street Site Investigation
- October 26, 2023 – Removal of mini-piezometers in Ditches A and D
- November 9, 2023 – Removal of mini-piezometers in Ditch B in anticipation of freezing conditions
- November 7, 2023 – Transport of foam collection drum for disposal from Ditch A through E foam collection
- November 20, 2023 to November 22, 2023 – Installation of extraction wells EX-1S and EX-2S
- December 22, 2023 – Semi-annual FTC and Stanton Street sanitary sewer outfall sampling

Deliverables Submitted to WDNR

- October 2, 2023 – Revised Long-Term Potable Well Sampling Plan; Tyco FTC
- October 13, 2023 – Q3 2023 Project Status; Tyco FTC, Stanton Street, Marinette
- October 20, 2023 – Ditch A, Ditch B, and GETS Monthly WPDES Discharge Monitoring Reports (September 2023); Tyco FTC
- October 31, 2023 – Ditch A Semi-Annual Operation, Maintenance, and Optimization Progress Report #9; Tyco FTC
- November 2, 2023 – Ditch B Semi-Annual Operation, Maintenance, and Optimization Progress Report #8; Tyco FTC
- November 15, 2023 – GETS Short-Term Monitoring – May 15, 2023 through November 12, 2023; Tyco FTC
- November 21, 2023 – Ditch A, Ditch B, and GETS Monthly WPDES Discharge Monitoring Reports (October 2023); Tyco FTC
- December 15, 2023 – Soil Interim Remedial Action and Removal Report; Tyco FTC
- December 21, 2023 – Ditch A, Ditch B, and GETS Monthly WPDES Discharge Monitoring Reports (November 2023); Tyco FTC

WDNR/Tyco Correspondence

Tyco Submittal to WDNR

- November 15, 2023; December 5, 2023; December 22, 2023; December 29, 2023 – Database Uploads
- October 25, 2023; October 27, 2023; November 10, 2023; November 17, 2023; November 27, 2023; December 4, 2023 – Sample Results Notifications
- October 3, 2023; October 7, 2023 – Foam Observation Notifications

WDNR Submittal to Tyco

- November 17, 2023 – Response to Deep Aquifer Bedrock Well Design and Long-Term Monitoring – Interim Response Status Update; BRRTS #02-38-580694
- November 17, 2023 – Response to Materials Management Plan; BRRTS #02-38-580694, #03-38-001345

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- November 17, 2023 – Response to Additional Site Investigation Work Plan; BRRTS #02-38-580694

WDNR/Tyco Summits and Periodic Meetings

- Weekly calls between WDNR and Tyco
- October 20, 2023; December 1, 2023 – 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
- Commence field work related to the FTC 2023 Additional SIWP and in consideration of November 17, 2023 WDNR comments on the 2023 Additional SIWP
- Connection of the recently installed supplemental extraction wells EX-1S and EX-2S designed to increase the rate of PFAS recovery near the existing wells EX-1 and EX-2.
- Resume foam monitoring activities at Ditch A through Ditch E once the channels are free of ice
- 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
- 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.8
- Submit the Stanton Street Site Investigation Status Report in Q1 2024
- Submit the FTC Interim Long Term Monitoring Plan for groundwater and surface water in Q1 2024

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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