

Ms. Alyssa Sellwood
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
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Date: July 15, 2021

Subject: Q2 2021 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 Q2 2021, as well as planned activities for the upcoming quarter (Q3 2021). 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 FTC and Stanton Street facilities and long-term drinking water supply for the period from April 1, 2021 to June 30, 2021 (Q2 2021) and planned activities from July 1, 2021 to September 30, 2021 (Q3 2021).

Activities Completed

Field Work

- April 1, 2021 – June 30, 2021 – Ditch A treatment system operation, maintenance, and monitoring (OMM) and weekly sampling for Wisconsin Pollutant Discharge Elimination System (WPDES) permit, except for June 12 thru 29, 2021 due to dry channel conditions and no upstream flow, treatment resumed on June 30, 2021 due to runoff from rain events
- April 1, 2021 – June 30, 2021 – Ditch B treatment system OMM and weekly sampling for WPDES permit
- April 1, 2021 – June 30, 2021 – Daily foam monitoring of Ditch A – Ditch E; booms deployed on April 1, 2021 for Ditches A, C, D, and E
- April 1, 2021 – June 30, 2021 – FTC Spring 2021 Private Well Sampling Event
- April 1, 2021 – June 30, 2021 – Point-of-Entry Treatment (POET) system sampling and OMM
- May 3, 2021 – June 30, 2021 – Installation of permanent polymer dosing pumps, turbidity sensors, and programming for the Ditch B water matrix unit operation as authorized per the modification request for the WPDES permit

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- May 4, 2021 – May 5, 2021 – Groundwater Extraction and Treatment System (GETS) Long-Term Monitoring (LTM) Pre-Startup Phase surface water sampling and gauging
- May 10, 2021 – Ditch B benchmark location/culvert surveying, in accordance with the LTM Plan
- May 14, 2021 – Quarterly sanitary sewer sampling

Deliverables Submitted to WDNR

- April 14, 2021 – Revised Foam Monitoring Work Plan; Tyco FTC
- April 15, 2021 – Q1 2021 Project Status; Tyco FTC, Stanton Street, and Land Applied Biosolids Area, Marinette
- April 20, 2021 – Ditch A&B Monthly WPDES Discharge Monitoring Reports (March 2021); Tyco FTC
- April 21, 2021 – Ditch B GETS – Wetland/Waterway Individual Permit Application; Tyco FTC
- April 22, 2021 – Planned Changes at Tyco Fire Technology Center – Ditch B Interim Action Site; Tyco FTC
- April 23, 2021 – Air Pathway Site Investigation Work Plan; Tyco FTC
- April 23, 2021 – Ditch B GETS – High-Capacity Well Permit Application; Tyco FTC
- May 21, 2021 – Ditch A&B Monthly WPDES Discharge Monitoring Reports (April 2021); Tyco FTC
- May 28, 2021 – FTC Soil Removal – Wetland Permit Application; Tyco FTC
- June 2, 2021 – Draft Project Schedule; Tyco FTC and Stanton Street, Marinette
- June 4, 2021 – Ditch B GETS – Phase 2 Parcels Wetland Delineation Report; Tyco FTC
- June 11, 2021 – Foam Waste Characterization and Disposal Notification; Tyco FTC
- June 17, 2021 – Figure and Cross Section Updates Related to Groundwater Flow and Solute Transport Model Report; Tyco FTC
- June 18, 2021 – Foam Cause and Significance Letter Report; Tyco FTC
- June 21, 2021 – Ditch A&B Monthly WPDES Discharge Monitoring Reports (May 2021); Tyco FTC
- June 22, 2021 – Groundwater Flow and Solute Transport Model – Cross Sections/Figures; Tyco FTC

Corrective Actions

- Field activities are ongoing; personnel are following applicable federal, state, and local coronavirus guidance to prevent exposure to and spread of the disease while conducting field activities

WDNR/Tyco Correspondence

Tyco Submittal to WDNR

- April 2, 2021; April 16, 2021; April 30, 2021; May 14, 2021; June 1, 2021; June 11, 2021; June 25, 2021; – PFAS Database Uploads and GIS Shape Files
- April 2, 2021; April 13, 2021; April 14, 2021; April 15, 2021; April 16, 2021; April 19, 2021; April 27, 2021; April 28, 2021; May 4, 2021; May 10, 2021; May 13, 2021; May 18, 2021; May 26, 2021; June 4, 2021; June 8, 2021; June 11, 2021; June 18, 2021 – Sample Results Notifications

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WDNR Submittal to Tyco

- April 9, 2021 – Response to Groundwater Flow and Solute Transport Model Report; BRRTS #02-38-580694
- April 20, 2021 – Response to Semi-Annual Operation, Maintenance, and Optimization Progress Reports for Tyco FTC – Ditch B Interim Action Site; BRRTS#02-38-580694
- April 20, 2021 – Response to Semi-Annual Operation, Maintenance, and Optimization Progress Reports for Tyco FTC – Ditch A Interim Action Site; BRRTS#02-38-580694
- May 18, 2021 – Conditional Approval of GETS Interim Remedial Action Design Report (RADR); BRRTS #02-38-580694
- June 2, 2021 – Response to Quality Assurance Project Plan (QAPP); BRRTS #02-38-580694, 02-38-581955, and 02-38-583856
- June 18, 2021 – Response to 3rd Revised Long-Term Potable Well Sampling Plan; BRRTS #02-38-580694
- June 29, 2021 – FTC Soil Removal – Wetland Permit Approval; Tyco FTC

WDNR/Tyco Summits and Periodic Meetings

- Weekly calls between WDNR and Tyco
- May 19, 2021; May 24, 2021; June 9, 2021; June 23, 2021; June 25, 2021; June 30, 2021 – Community update communications and corresponding Tyco website updates
- May 19, 2021 – WDNR Listening Session
- May 24, 2021 – WDNR-Tyco Technical Meeting; Performance metrics and remedial actions
- June 29, 2021 – Tyco GETS Virtual Public Meeting

Planned Activities

- Continue deliverable preparation and submittal, per the Draft Project Schedule submitted to the WDNR on June 2, 2021
- Continue field work related to the Ditch B GETS Long-Term Monitoring Plan pre-startup activities
- Continue daily foam monitoring activities on Ditch A – Ditch E
- Continue discussions associated with long-term drinking water distribution system expansion into the Town of Peshtigo
- Continue OMM and Discharge Monitoring Reports for the Ditch A&B Treatment Systems
- Submit updated OMM and LTM Plans for the Ditch A&B Treatment Systems
- Commence monitoring activities associated with the Long-Term Monitoring Plan and reporting for the Ditch A&B Treatment Systems
- Continue quarterly private well sampling and POET OMM per the Revised Long-Term Potable Well Sampling Plan
- Startup of the Wastewater Treatment Facility at the FTC

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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.

A handwritten signature in black ink, appearing to read "Shauna M. Johnson".

Shauna M. Johnson
Project Environmental Specialist

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CC. Katie McGinty, Jeffrey Danko, Scott Wahl – Johnson Controls