

Mr. David Neste
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
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Subject:

Q2 2020 Project Status; Tyco Fire Technology Center (FTC), Stanton Street PFAS, and Land-Applied Biosolids; 2700 Industrial Parkway South and 1 Stanton Street, Marinette, Wisconsin
BRRTS Activity#: 02-38-580694, 02-38-581955, and 02-38-583856

ENVIRONMENT

Dear Mr. Neste:

On behalf of Tyco Fire Products LP (Tyco), and pursuant to the February 19, 2020 Wisconsin Department of Natural Resources (WDNR) correspondence, Arcadis submits the attached “Q2 2020 Project Status, Tyco Fire Technology Center (FTC) and Stanton Street, Marinette” summarizing activities completed, data collected, issues identified, corrective actions, and WDNR/Tyco correspondence for the quarter; as well as planned activities for the upcoming quarter (Q3 2020). Tyco anticipates updating this project status on a quarterly basis to reflect current and planned activities.

Date:
July 15, 2020

Contact:
Ben Verburg

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PROJECT STATUS

Please find below a summary of the project status for the Tyco FTC and Stanton Street facilities and long-term drinking water supply from April 1, 2020 to June 30, 2020 (Q2 2020) and planned activities from July 1, 2020 to September 30, 2020 (Q3 2020).

Activities Completed

Field Work

- April 1, 2020 - June 30, 2020 – Point-of-Entry Treatment (POET) System Operation and Maintenance (O&M)
- April 1, 2020 - June 30, 2020 – Ditch A/B System O&M and weekly Wisconsin Pollutant Discharge Elimination System (WPDES) sampling
- April 20, 2020 - April 22, 2020 – Additional topographic surveying for the long-term drinking water supply
- May 22, 2020 - June 30, 2020 – Land-Applied Biosolids Drinking Water Sampling; Sampling suspended March 16 due to coronavirus pandemic, and resumed on May 22
- May 27, 2020 – Stanton Street sanitary sewer sampling

- June 17, 2020 - June 23, 2020 – Bay of Green Bay surface water sampling

Deliverable Submittal to WDNR

- April 1, 2020 – Revised Long-Term Potable Well Sampling Plan
- April 15, 2020 – Q1 2020 Project Status, Tyco FTC and Stanton Street, Marinette
- April 15, 2020 – Quality Assurance Project Plan (QAPP)
- April 21, 2020 – Ditch A/B Monthly Wisconsin Pollutant Discharge Elimination System (WPDES) Report (March 2020)
- April 30, 2020 – Initial Evaluation of Land-spread Biosolids in Marinette and Oconto Counties
- May 1, 2020 – Stanton Street Near-Term Bedrock Groundwater Evaluation Work Plan
- May 13, 2020 – Notification of Soil Excavation for Construction – Building 105 Building Construction
- May 15, 2020 – FTC Interim Site Investigation Report
- May 21, 2020 – Ditch A/B Monthly WPDES Report (April 2020)
- May 26, 2020 – FTC Conceptual Site Model
- June 1, 2020 – FTC Potable Well Sampling Program Summary Report
- June 1, 2020 – Draft Project Schedule, Tyco FTC and Stanton Street, Marinette
- June 8, 2020 – FTC Air Deposition Evaluation Report
- June 8, 2020 – Notice of Intent (NOI) and Discharge Management Plan for the Building 105 Addition Construction
- June 15, 2020 – Stanton Street Interim Site Investigation Report
- June 19, 2020 – Ditch A/B Monthly WPDES Report (May 2020)

Issues Identified

- The FTC private drinking water well sampling program was suspended on March 16, 2020 due to concerns associated with the coronavirus pandemic. Sampling is anticipated to resume in summer 2020.

Corrective Actions

- Coronavirus pandemic restrictions are being closely monitored, and private drinking water well sampling is anticipated to resume in summer 2020 when it is safe to do so.

WDNR/Tyco Correspondence

Tyco Submittal to WDNR

- April 6, 2020; April 8, 2020; April 10, 2020; April 23, 2020; June 8, 2020; June 17, 2020; June 19, 2020; June 23, 2020 – Copies of Land Applied Biosolids Drinking Water Well Results Letters
- April 10, 2020; April 24, 2020; May 8, 2020; May 22, 2020; June 5, 2020; June 19, 2020 – Bi-Weekly Update Emails to Provide Biosolids Well Sampling Area Information Requested by WDNR
- April 10, 2020 – COVID-19 Compliance Process – FTC and Stanton Street

- April 12, 2020; April 24, 2020; May 8, 2020; May 22, 2020; June 5, 2020; June 19, 2020 – PFAS Database Uploads
- May 8, 2020 – FTC Waste Disposal Practices Summary Report
- May 8, 2020 – Stanton Street Waste Disposal Practices Summary Report
- May 12, 2020 – Ditch A Response to Notice of Noncompliance
- May 21, 2020 – Planned Changes at Tyco Fire Technology Center – Ditch B Interim Action Site (Water Matrix Pilot Test)
- May 26, 2020 – COVID-19 Compliance Process – FTC and Stanton Street
- May 27, 2020 – Response to April 22, 2020 WDNR Information Request for Biosolids Area Well Sampling
- June 1, 2020 – Response to Non-Compliance with Site Investigation Requirements Site Investigation Deficiencies at the Fire Technology Center
- June 3, 2020 – Response to Immediate Actions Required to Address Foam Accumulation on Waterways in Marinette and Peshtigo
- June 9, 2020; June 23, 2020 – Draft Biosolids Well Sampling Data Summary Tables and Figures
- June 23, 2020 – Biosolid Wells Graphical Information System (GIS) “Shapefiles”
- June 29, 2020 – Biosolids Well Sampling Results Letter Templates

WDNR Submittal to Tyco

- May 27, 2020 – Immediate Actions Required to Address Foam Accumulation on Waterways in Marinette and Peshtigo
- May 27, 2020 – Non-Compliance with Site Investigation Requirements Site Investigation Deficiencies at the Fire Technology Center
- May 27, 2020 – Review and Response to JCI and Tyco Submittal of Draft Investigation Report of the Southern Area Groundwater Evaluation Efforts
- May 28, 2020 – Approval of Planned Changes at Tyco Fire Technology Center – Ditch B Interim Action Site Request (Water Matrix Pilot Test)
- June 10, 2020 – Biosolid Field Application GIS “Shapefiles”

WDNR/Tyco Summits and Periodic Meetings

- Informal weekly calls between WDNR and Tyco resumed on May 6, 2020
- May 14, 2020; June 23, 2020; June 30, 2020 – Calls to review field and well locations associated with the biosolids well sampling area

Planned Activities

- Continued deliverable preparation and submittal, per the Draft Project Schedule submitted to the WDNR on June 1, 2020.
- Completion of land-applied biosolids drinking water sampling and preparation of data summary report.

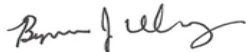
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- Commencement of FTC private drinking water well sampling program and POET monitoring and maintenance activities after receipt of WDNR comments on the Revised Long-Term Potable Well Sampling Plan submitted April 1, 2020.
- WDNR/Tyco Summit Meeting via conference call and web broadcast scheduled for August 6, 2020.
- Conduct groundwater and soil boring investigations related to long-term drinking water supply.
- Submit groundwater and soil management plan related to long-term drinking water supply.
- Coordinate and conduct pre-application meeting for long-term drinking water supply with the WDNR, PSC, Town of Peshtigo, City of Marinette, and Tyco.

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

Sincerely,

Arcadis U.S., Inc.



Benjamin J. Verburg, P.E.
Principal Engineer

Copies:

Jeffrey Danko, Scott Wahl, Rick Bethel – Johnson Controls